



ROLLAMO

49er

University of Missouri-Rolla



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THE 1949 ROLLAMO

VOLUME 43



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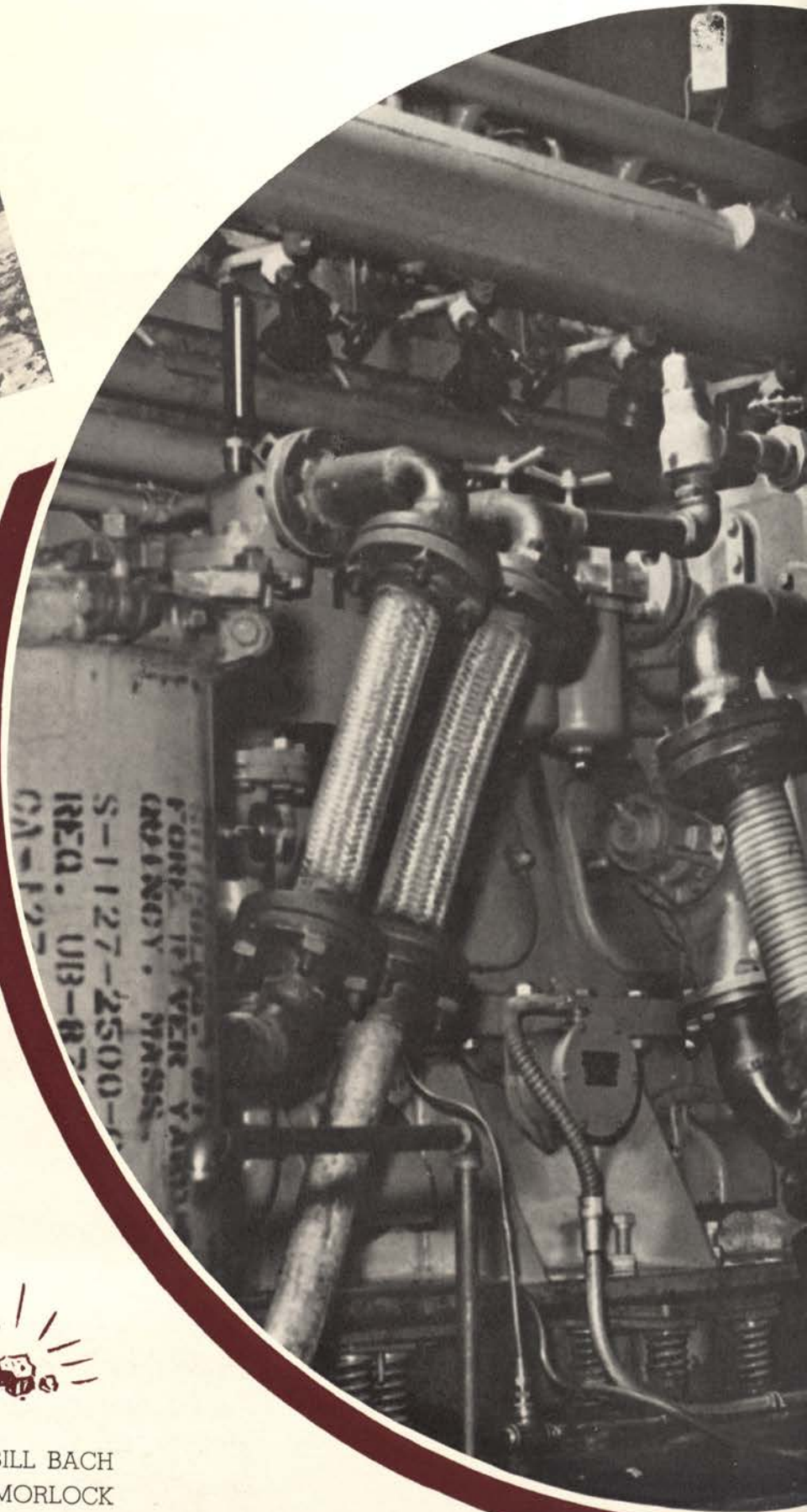
Mr. Massey
Missouri Resources
and Development
(St. Pat's Pictures)

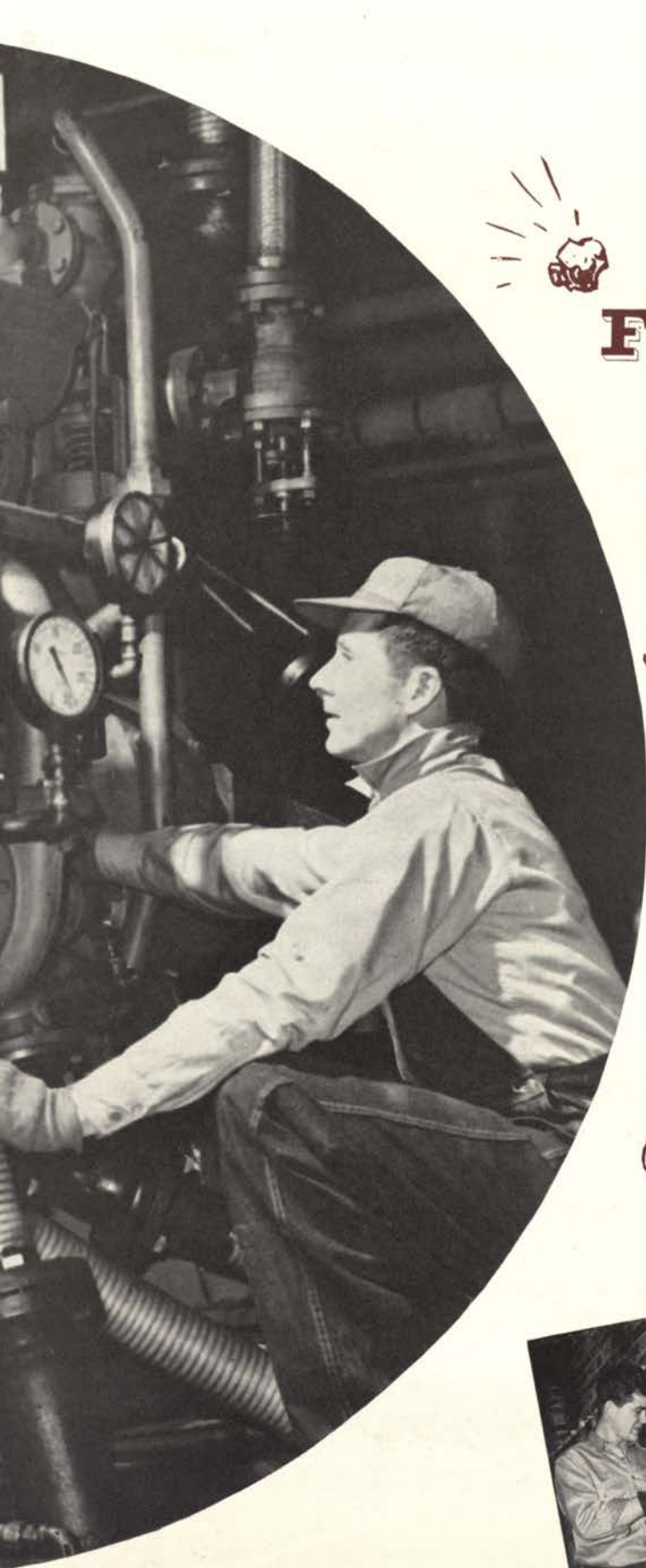
Mr. Walter Knott
Buena Park, Calif.
(Ideas and original
of drawings used in
the opening section and
on the division pages)

STAFF



EDITOR-IN-CHIEF - - - BILL BACH
BUSINESS MANAGER - BOB MORLOCK





THE MINER FORTY-NINER

AS PORTRAYED
IN THE 1949
ROLLAMO, EDITED
BY THE STUDENTS
OF THE MISSOURI
SCHOOL OF MINES
AND METALLURGY . . .
ROLLA, MISSOURI
MAY, 1949

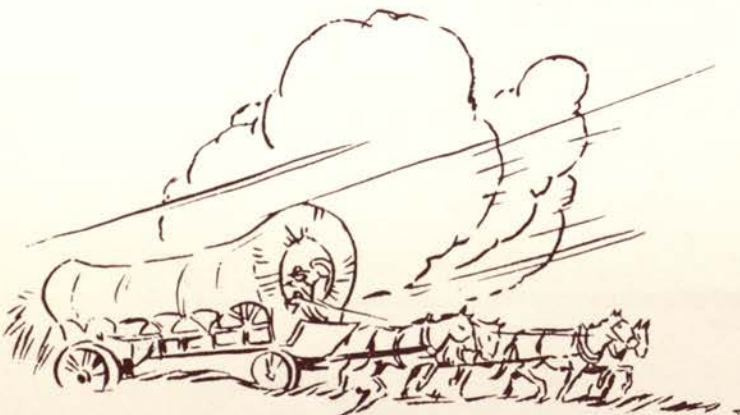




O U R T H E M

ONE hundred years ago the forty-niners proceeded toward a land of gold and adventure. Some of them were successful, but for the most part the search led only to hardship and disappointment.

During the past century man has increased his technical knowledge by leaps and bounds. The young engineer has a bright future to look forward to as he steps forth into this modern world.





E F O R ' 4 9

The Missouri School of Mines and Metallurgy has cast its influence about the advancements made in the twentieth century. Mankind has profited greatly and will continue to do so as man expands his knowledge of worldly goods and their uses.

Today, men are confronted with many problems similar to those experienced by the forty-niners. With greater knowledge and new techniques the engineers of tomorrow eagerly anticipate what the future holds for them.



FOREWORD

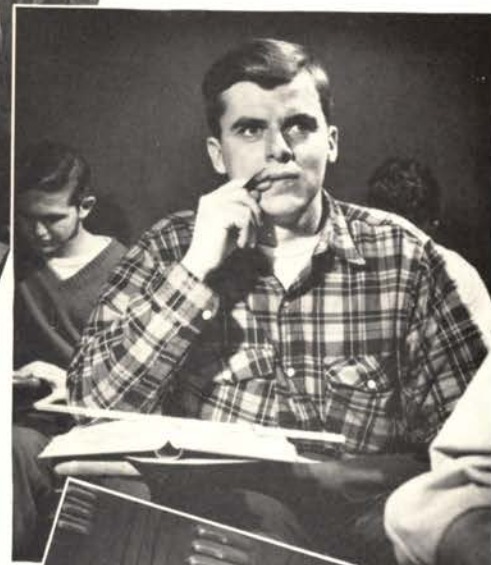


HERE is the book which we feel portrays the life of the MINER during 1948-1949. The Missouri School of Mines enrollment hit an all-time high this year which means that the ROLLAMO '49er will also be the largest in history.

More students, campus organizations, and other activities are represented in this volume of the ROLLAMO than ever before. Other timely additions are included in the opening section, which is highlighted by President Middlebush and the Board of Curators.

With the demands of industry depending upon the engineering profession, the Missouri School of Mines and Metallurgy strives to train those students who will make advancements in science for the welfare of mankind.





CONTENTS



We have divided this forty-third volume of the Rollamo into five principal categories exemplifying college life characteristic of the Missouri School of Mines and Metallurgy.

ADMINISTRATION AND
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SENIORS AND UNDERCLASSES

ATHLETICS AT M. S. M.

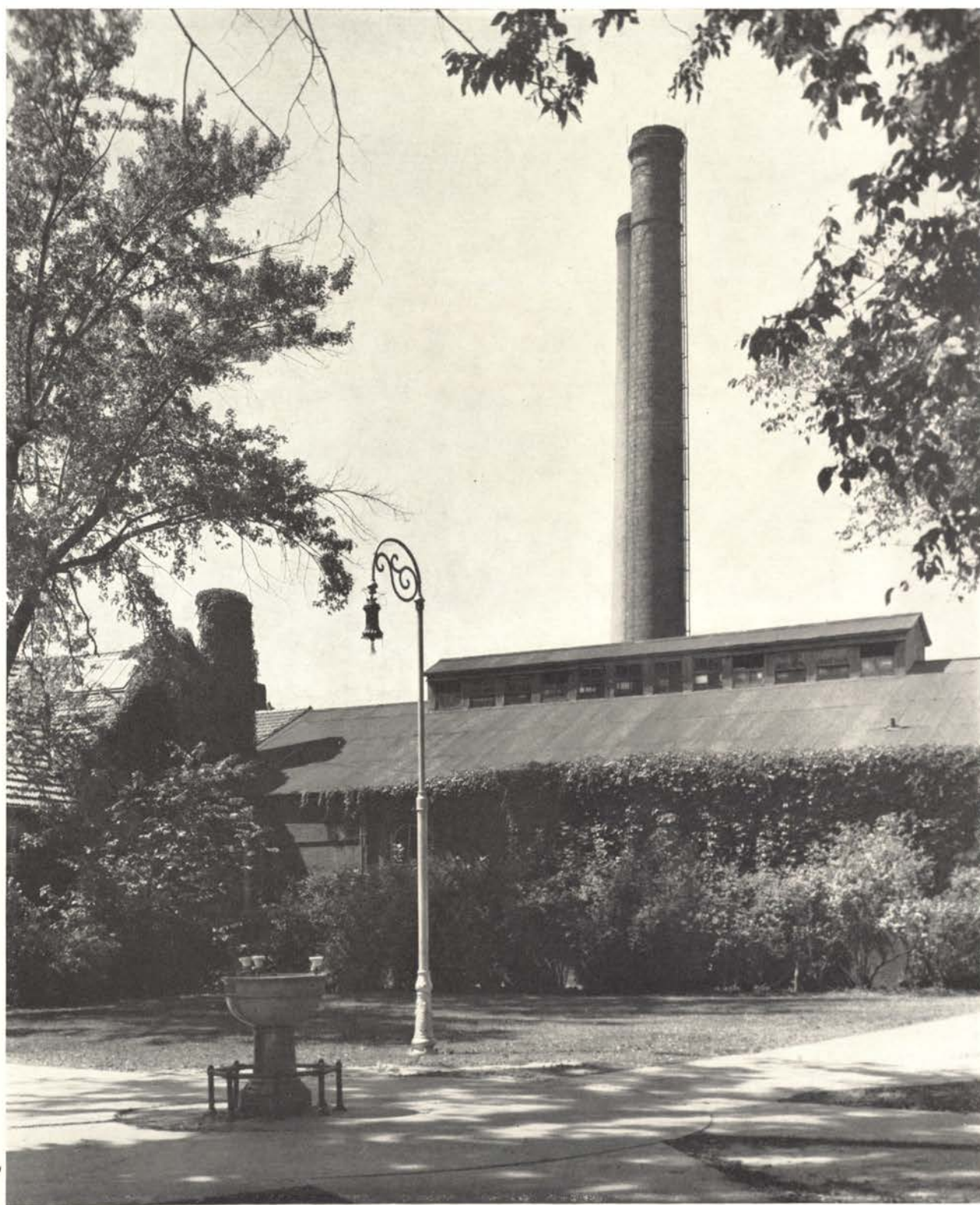
ACTIVITIES AND FRATERNITIES

ST. PATS AND FEATURES

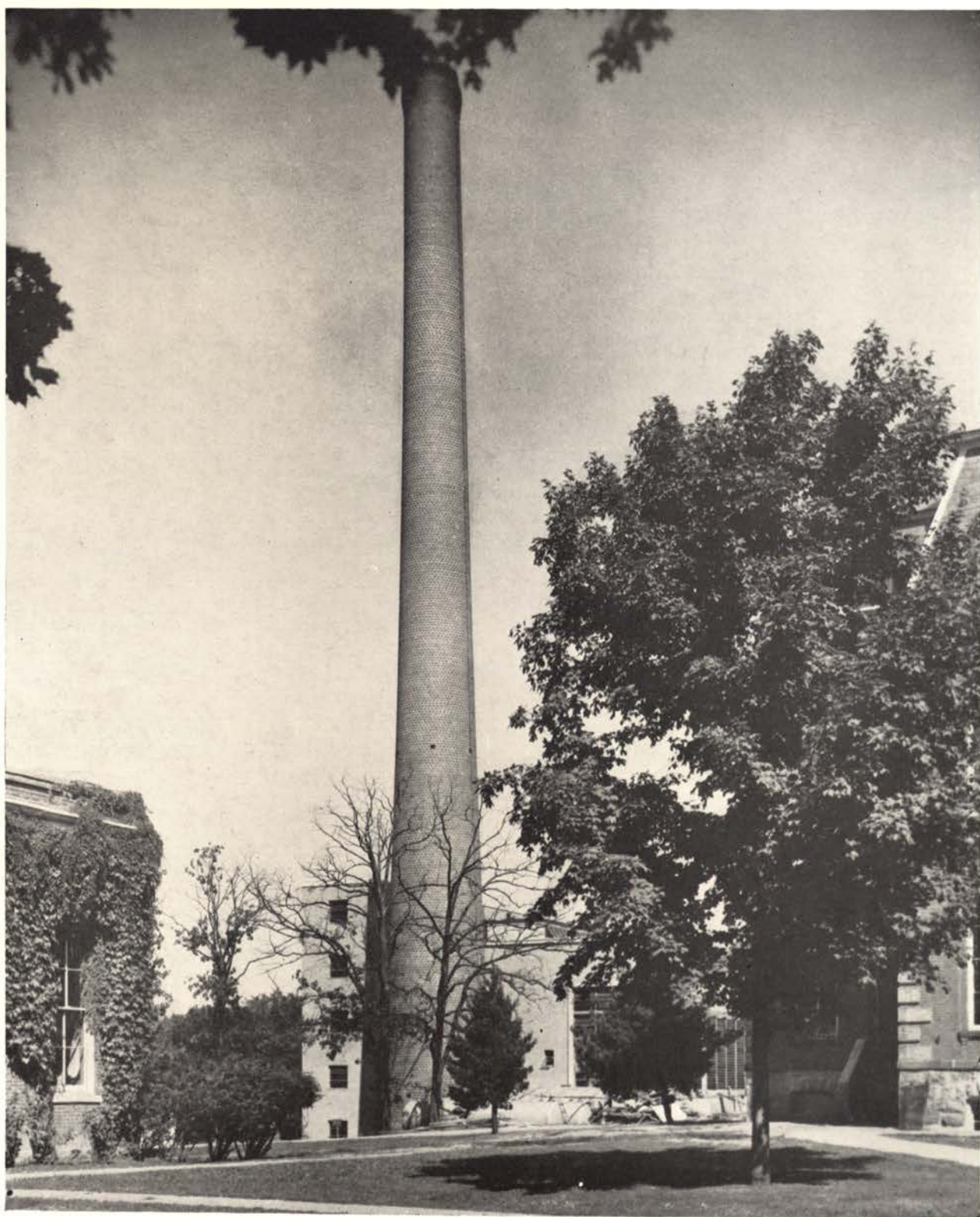




Summer Time



Twin Stacks



Reaching Skyward



Winter Time



ADMINISTRATION AND DE



DEPARTMENTS

We can well be proud of those men who formulate our general administrative policy. Accompanying the administration are the departments and their respective professional societies on our campus. Under their excellent leadership the MINERS are stimulated to attain high standards of professional competence.





Dr. Frederick A. Middlebush

**President
School of Mines
and Metallurgy
University of
Missouri**

Dr. Frederick A. Middlebush has been president of the University of Missouri since 1935. As one of the leading educators in the nation, President Middlebush has made many contributions toward bringing honor and prestige to the University and the Missouri School of Mines and Metallurgy.

At the present time he is a member of the Executive Committee of the Association of Land Grant Colleges and Universities, President of the National Association of State Universities, and member of the Commission on Organization of the Executive Branch of the Government. President Middlebush has also been a member of the Missouri Resources and Development Commission, the Executive Council of the American Society of International Law, Executive Council of American Political Science Association, the Committee on Vocational Education of the National Association of State Universities, European Conference of Professors of International Law and Relations, and many other important national organizations in education and public affairs.

Students are indeed grateful to President Middlebush for his great interest in promoting the welfare of the Missouri School of Mines and Metallurgy.

Board of Curators

The Board of Curators of the University of Missouri, of which Missouri School of Mines and Metallurgy is a division, is made up of nine members, citizens of Missouri, appointed by the Governor of the State by and with the advice and consent of the State Senate. They are appointed for terms of six years each. The terms of three members expire every two years. Members are eligible for reappointment and many have served over a long period of time.

Three members of the Board of Curators serve as the Executive Committee for Missouri School

of Mines and Metallurgy. The present Executive Committee consists of Mr. Frank C. Mann, Chairman, Mr. Stratton Shartel, and Mr. Guy A. Thompson.

Leslie Cowan, Vice-President of the University of Missouri, is Secretary of the Board of Curators and also Secretary of the Executive Committee.

The Board of Curators has made possible the many advancements in construction on the campus, including the addition to the new Chemical Engineering Building.

MEMBERS OF THE BOARD OF CURATORS

President, Allen McReynolds.....	Carthage
Vice-President, David W. Hopkins.....	St. Joseph
Mr. Rosco F. Anderson.....	Webster Groves
Mr. Frank C. Mann.....	Springfield
Mr. Harold J. Moore.....	Brookfield
Mr. Stratton Shartel.....	Kansas City
Mr. Frank Stonner.....	Chamois
Mr. Guy A. Thompson.....	St. Louis
Mr. John H. Wolpers.....	Poplar Bluff



Around the table clockwise are: Dean Curtis L. Wilson, President Frederick A. Middlebush, Mr. Leslie Cowan, Mr. Frank Stonner, Mr. Rosco F. Anderson, Senator Allen McReynolds, Mr. John H. Wolpers, Mr. Frank C. Mann, Mr. Stratton Shartel, Mr. Guy A. Thompson.



Curtis L. Wilson

Dean

Missouri School of Mines and Metallurgy

For the past eight years Dean Wilson has done an admirable job in directing the fortunes of the School of Mines. During the war his capable leadership and tireless energy kept M.S.M. an engineering institution worthy of the highest possible merit. Although expansion of the school's facilities was impossible due to the limitations of war, Dean Wilson directed extensive planning for post-war expansion. These plans are now being carried out and soon they will near completion.

Dean Wilson is well qualified for his position, having received his E.M. in 1920 at Montana School of Mines and his Ph.D. in 1928 at the University of Goettingen. His devotion and careful decisions have earned him respect and admiration from the student body. Dean Wilson's association with M.S.M. has influenced its growth and world-wide fame.



The start of a busy day.



Eleventh and State



Rex Z. Williams

Assistant Dean

Dean Williams was appointed to the newly formed office of Assistant Dean in 1946 after capably serving as Acting Dean of the faculty during Dean Wilson's absences from the campus during the two previous years. Dean Williams was first associated with the M.S.M. faculty in 1931 as Instructor of Mechanics. He became a full Professor in 1946 and is now chairman of the Mechanics Department.

Dean Williams' amiable personality, boundless energy, and astute mind have earned him membership in many honorary fraternities and societies. He will be long remembered here at M.S.M. as a superior student, an excellent instructor and administrator, and for the great work he has done as the middle man between the graduating seniors and prospective employers.

Noel Hubbard

Registrar

Mr. Hubbard has completed his sixth year as Registrar and his twenty-sixth year of service at the Missouri School of Mines. Through his capable work and untiring efforts he has gained the respect and admiration of the students.

Mr. Hubbard and his efficient office staff offer the sound advice and competent guidance that every individual student needs at some time during his years at M.S.M. Aside from his normal capacities as Registrar, Mr. Hubbard takes a personal interest in all problems presented to him by students and conscientiously endeavors to solve them to the best of his ability. Because of this interest, Miners have often affectionately spoken of him as "Mother Hubbard". M.S.M. is indeed fortunate in having such a commendable personality on its staff.



Harry J. Fields

Business Manager

Mr. Fields' first year as Business Manager at M.S.M. was in 1947. Prior to that time he served M.S.M. as an auditor. Since the large enrollment, which began in 1947, the Business Office has an additional amount of work to perform. Mr. Fields and his staff have done an excellent job during the past two years to cope with this problem in an outstanding manner.

A graduate of the University of Missouri, Mr. Fields has a B.S. in Business Administration. During the war he served in the U. S. Navy.

Although M.S.M.'s bookkeeping system is complicated, Mr. Fields is a very capable man to handle such a task. The business transactions of our outstanding institution are comparable to those of big business since M.S.M.'s recent growth.



Ernest P. Hendrix

Superintendent of Buildings and Grounds

Mr. Ernest Hendrix, Superintendent of Buildings and Grounds, performs all types of duties ranging from administrative direction to skilled electrical work. He does all of them excellently, enacting each varied function of his office with the precision and skill of an expert of that particular profession.

An electrical contractor by profession, Mr. Hendrix first served the School of Mines in 1943 in the capacity of electrician. Even now he, the most adaptable executive in Parker Hall, is called upon to straighten out and complete the seemingly impossible tasks which often confront his maintenance crew.





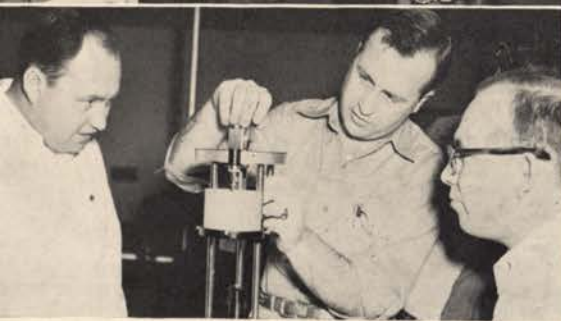
*Mom and Pop look it over.
"What happens next?"*



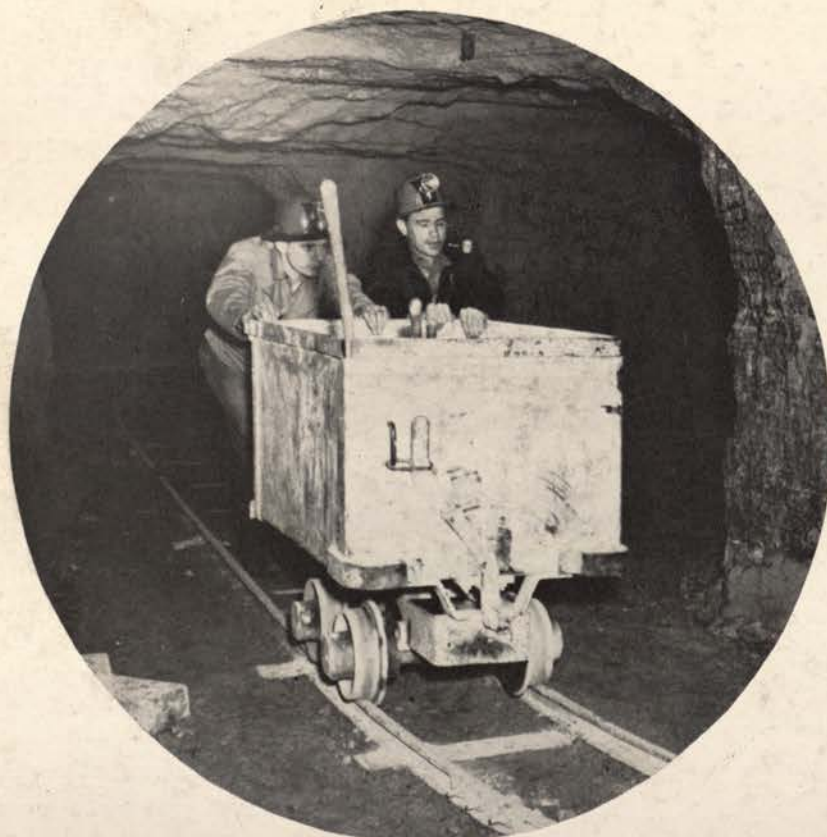
Leveling in.



*"Who said miners work hard?"
Showing the boys how.*



Mining Engineering Department



Castelli and Dare trammimg.

The present Mining Building was completed in 1926. It is equipped to present every phase of the required curriculum. On the first floor is a display of models of various types of mines, screening plants, an aerial tramway, head frames, ore bins, types of timbering, rock drills mounted to show the details of their operation and mechanism, mine safety and rescue apparatus, and blasting tools and materials. The Petroleum Engineering laboratory on the second floor affords adequate apparatus for testing petroleum products and determining the permeability and porosity of oil-bearing sand. This building is supplemented by M.S.M.'s full-scale mine. Many of the department's lab courses are conducted in this mine, thereby offering practical experience.

The petroleum engineering students are guided by Professor C. M. Davis, who came to M. S. M. in 1948.

The Mining Department chairman, Dr. J. D. Forrester, is the foremost



J. DONALD FORRESTER
Department Chairman
Professor of Mining Engineering, 1944.
B.S. 1928, Utah; M.S. 1929, Ph.D. 1935, Cornell.

authority on the serious matters common to the future exploitation engineer. Dr. Forrester came to this Mining Department in 1944. In 1945 he became chairman of this department.

Mine Surveying is instructed by W. A. Vine, who came to M.S.M. in 1947. The laboratory work in this course is conducted at the school mine. Another familiar man in the Mining Department is R. F. Bruzewski who also first taught here in 1947.

The fame of the Missouri School of Mines has been spread throughout the world by the graduates of this outstanding department.



Mining Building.

Mining Engineering Department



Vine
Clous

Davis
Schooler

BRUZEWSKI, R. F., Instructor in Mining Engineering, 1947.
B.S. in Min. 1947, Missouri School of Mines.

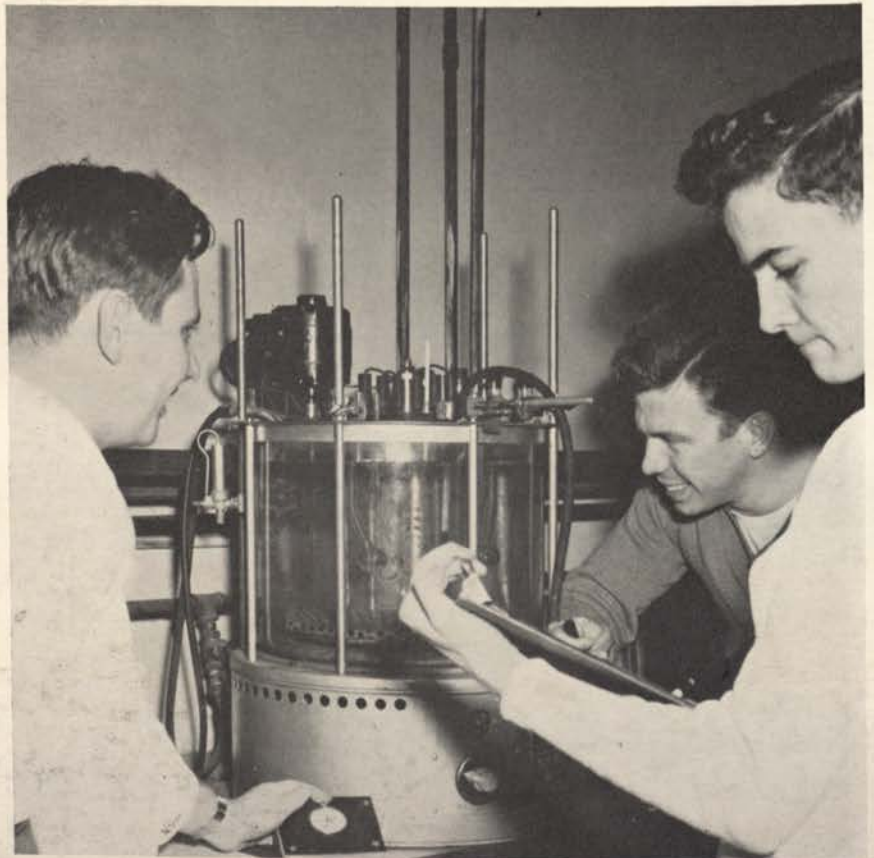
CLOUS, C. W., Instructor in Petroleum Engineering, 1948. B.S.
1940, New Mexico School of Mines.

DAVIS, C. M., Assistant Professor of Petroleum Engineering,
1948. B.S. 1932, M. I. T.; M.Ed. 1941, Boston University.

LATVALA, W. J., Instructor in Mining Engineering, 1948. B.S.
1948, New Mexico School of Mines.

SCHOOLER, D. R., Associate Professor of Mining Engineering.
B.S. 1926, Missouri School of Mines; E.M. 1944, Missouri
School of Mines.

VINE, W. A., Assistant Professor of Mining Engineering. 1947,
1948. B.S. in Min. E. 1942; E.M. 1947, Columbia.



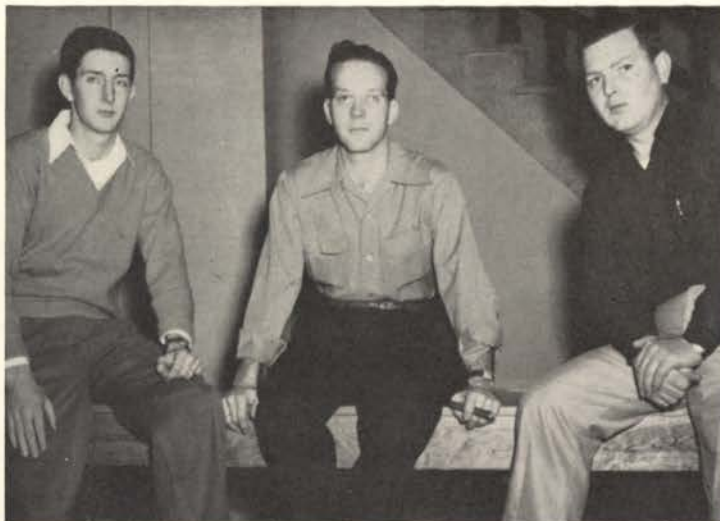
"Can that be right?"

A. I. M. M. E.

The Student Associate Chapter of the American Institute of Mining and Metallurgical Engineers was founded on the M.S.M. campus over thirty years ago. Its object is to present to its members timely information pertaining to mining and mineral industries. Prominent members of the mining and metallurgical professions present the latest developments in their fields and answer questions at the meetings.

Under the able leadership of James Chaney, together with the enthusiastic support of the members, the A.I.M.M.E. membership was built up this year to an all-time high of over two hundred and fifty student members.

With the ever increasing interest shown in this organization it may well remain the largest student association on the campus in the years to come.



A.I.M.M.E. Officers.

OFFICERS

President.....	J. Chaney
Vice President.....	E. Aubuchon
Secretary.....	A. A. Jones
Treasurer.....	D. Castleberry
Faculty Advisor.....	D. R. Schooler



FIFTH ROW: Yodice, Gregory, Turman, Graves, Cullom, Knutson, Kelley, Finch, Hunt, Reynolds, Thorp, Kunz, Chubb, Paulsell, Szumachowski, Hauser, Sevvick, Maltzahn, Crutchfield. FOURTH ROW: Coolbaugh, Winn, O'Brien, Wehrenberg, Rodriguez, Sobie, Owens, Kane, Absalom, Jadwick, Krainess, Lenzini, Tittman, Monroe, Slawsky, Miller, Patrick, Haymes. THIRD ROW: Peek, Marcus, Whanger, Horst, Dare, Keene, Mitchell, Breton, Simpson, Renner, Fossi, Ricketts, Morris, Stegemeier, Springer, Fairchild, Prof. Eppelsheimer. SECOND ROW: Brown, Langston, Grimsley, Salvaggi, Miles, Aubuchon, Edwards, Quinn, Houk, Ferreira, Johnson. FIRST ROW: Holme, Vichers, Middleton, Torres-Calderon, Kyburz, Isbell, Johnston, Hebert, Hopkins, Skalka.



Metallurgy Building.

Metallurgical Engineering Department



ALBERT W. SCHLECHTEN
Department Chairman

Professor of Metallurgical Engineering, 1946.
B.S. in Met. E. 1937, Montana School of Mines; Sc.D. 1940, M. I. T.

In 1909 a three-story brick building with two large one-story wings and basement was erected to afford working space for the Metallurgy Department's activities. One laboratory is equipped for fire assaying of minerals and ores for silver and gold, and smelting of ores. With the apparatus provided in the Spectrographic laboratory it is possible to determine very rapidly the elements in minerals, impure metals, and alloys being tested. Samples of metals are prepared for microscopic structure study in the Metallographic laboratory. This building also provides adequate classroom space. The Ore Dressing laboratory is located in the Ceramic Engineering Building.

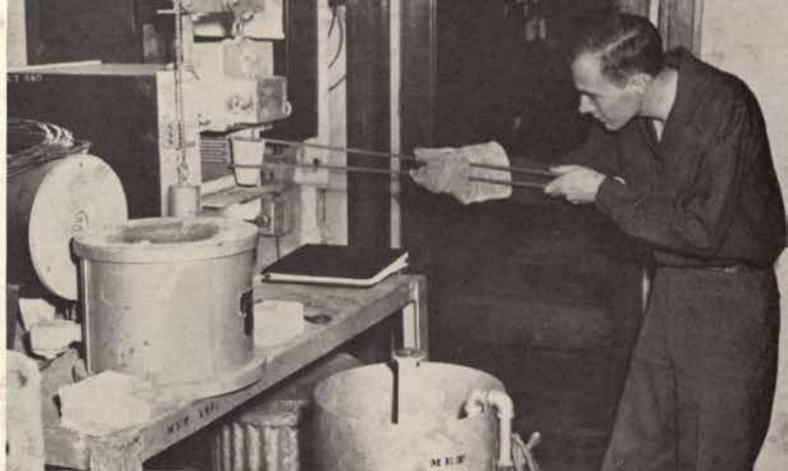
Metallurgy may be defined as that branch of engineering which employs the art and science of extracting the metals from ores and concentrates, refining of these metals, manufacturing of these metals and alloys produced from them, and fabricating both metals and alloys into useful shapes for utilization by mankind. Here at M.S.M. the metallurgical engineering students receive a thorough training in theory and practical application to develop sufficient technique to assure usefulness for the graduate upon entering his chosen profession.

The metallurgy curriculum provides a complete training in Process Metallurgy and Physical Metallurgy. The theory is supplemented with practical work in the required courses. The department has the equipment available to afford the student every opportunity to further his knowledge. The laboratories are equipped for research in hydro-metallurgy, pyro-metallurgy, or electro-metallurgy in the Process Metallurgy field; and for work in chemical, physical, and thermal tests accompanied with the study of microscopic and macroscopic structures in the Physical Metallurgy field.

Progress in the metallurgy field has been extensive during the past decade. Naturally the war contributed to this advancement because of the increased demand for metal and metallic material. Although small in number as compared to other types of engineers, the demand for graduate Metallurgists is constantly exceeding the supply.

The chairman of the department, Dr. Albert W. Schlechten, came to M.S.M. in the fall of 1946. In 1947 he became the Metallurgical Engineering Department chairman. Although Dr. Schlechten is not personally interested in strenuous sports, he is active in bowling and golf.

The student first meets Professor D. F. Walsh when taking Principles of Metallurgy. Next he is instructed by Professor Legsdin in Mineral Dressing courses.

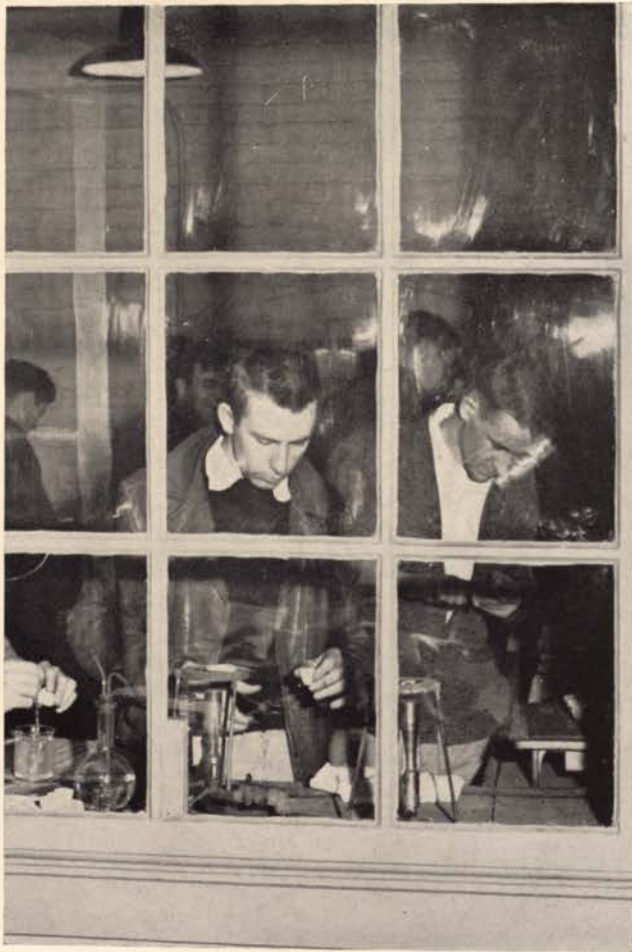


Applying the heat.

"Prof. Walsh said . . ."

The experts. Nearing the climax.

Jim explaining crystal structure.



"Where did it go?"

Metallurgical Engineering Department

EPPELSHEIMER, D. S., Professor of Metallurgical Engineering, 1947, 1948. B.S. 1932, D.Sc. 1935, Harvard.

HANLEY, H. R., Professor Emeritus of Metallurgical Engineering, 1923, 1946. B.S. in Min. E. 1901, Met. E. 1918, D. Engr. 1946, Missouri School of Mines.

LEGSDIN, A., Associate Professor of Mineral Dressing, 1940. Eng. of Mines 1923, Frieberg Mining Academy; M.S. in Mineral Dressing 1933, Columbia.

MORRIS, T. M., Instructor in Metallurgical Engineering, 1947. B.S. in Min. E. 1938, M.S. 1940, Columbia.

REYNOLDS, J. E., Instructor in Metallurgical Engineering, 1948. B.S. 1944, University of Alabama; M.S. 1948, Missouri School of Mines.

STRAUMANIS, M. E., Research Professor of Metallurgy, 1947. Engr. Chem. 1925, Dr. Chem. 1927, University of Riga, Latvia.

WALSH, D. F., Assistant Professor of Metallurgy, 1925, 1928. B.S. in Met. 1923, M.S. 1924, Missouri School of Mines.



Straumanis
Eppe/sheimer
Legsdin
Morris
Reynolds

American Society for Metals

The American Society for Metals is an association for students in Metallurgical Engineering which helps to acquaint them with developments in the metal industries. The object of the society is to promote the arts and sciences connected with either the manufacture or treatment of metals, or both.

The M.S.M. Student Chapter of the American Society for Metals, a national organization, was established in October, 1937. The organization is so designed nationally that student members may retain their membership after graduation.

At the present time the student membership of the Student Chapter exceeds eighty.



A.S.M. Officers.

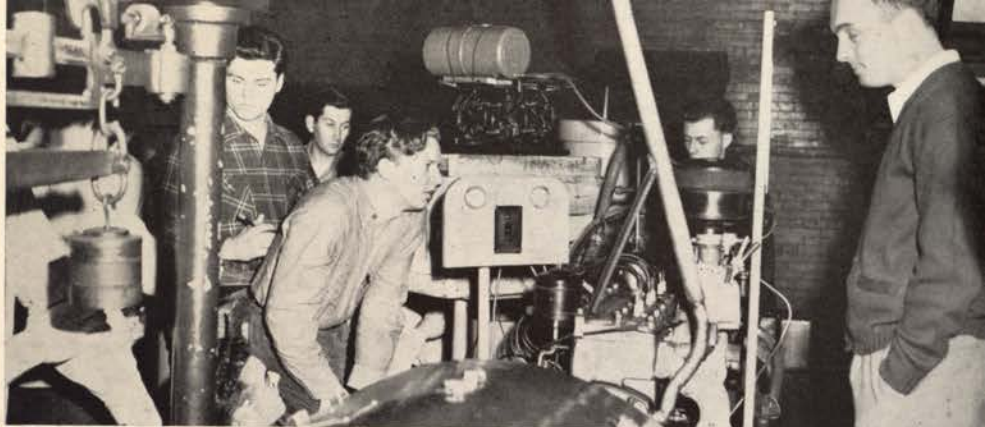
OFFICERS

Chairman.....	Leonard F. Kane
Vice Chairman.....	Ivor Pounds
Secretary.....	Thomas J. Burke
Treasurer.....	Robert H. Erskine

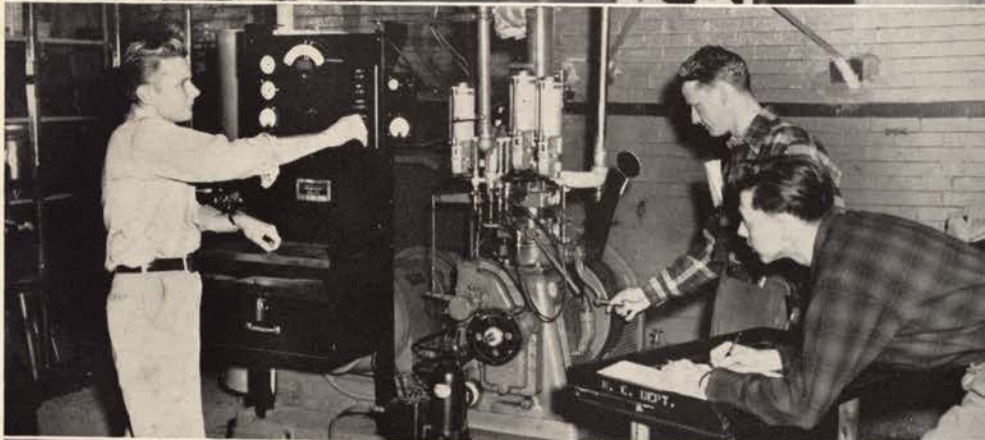


FOURTH ROW: Bollwerk, Wiley, Prof. Walsh, Coolbaugh, Reynolds, Uriwal, Thorp, Kunz, Zimmerman, Chubb, Szumachowski, Hopkins, Crutchfield, Hobelman, Ballman. THIRD ROW: McGrath, McGaughey, Ross, McGowan, Hollman, McVey, Kelahan, Pounds, O'Brien, Whanger, Holme, Hayase, Salvaggi, Brown. SECOND ROW: Toth, Owens, Hebert, Breton, Absalom, Krainess, Renner, Fossi, Ricketts, Morris, Smith, Penman. FIRST ROW: Turman, Langston, Cullom, Knutson, Kane, Erskine, Burke, Aubuchon, Prof. Eppelsheimer, Tittman, Savu.

M.E. Lab session.



"Turn the switch."



Learning how.



AARON J. MILES
Department Chairman
Professor of Mechanical Engineering
1930, 1943.
B.S. 1930, M.S. 1931, Missouri
School of Mines; D.Sc. 1935,
Michigan.

Mechanical Engineering Department

The Mechanical Engineering Department once again led the Miner enrollment this year with 543 who will upon graduation compete with the problems of industry in the fields of design and mechanical processing. It is fitting that a department of this importance is guided by the capable judgment of Dr. A. J. Miles. Dr. Miles received his Sc.D. from the University of Michigan in 1935 and has been chairman of the Mechanical Department at M.S.M. since 1943. His jovial personality is a great asset in controlling the affairs of this department.

The department strives to acquaint the student with the problems in design of mechanical equipment, the combustion reactions entailed in the operation of power plant

Mechanical Engineering Department

equipment, the theory of heat transfer, and the application of theory to the functions of mechanical equipment and processing.

An outstanding figure in the field of Combustion Engineering is Professor G. C. Boyer, who received a plaque by ASME for recognition of his contributions toward combustion reactions.

In the design laboratory you would meet Prof. A. V. Kilpatrick, who came to M.S.M. in 1926. The practical application of the theories involved in mechanical equipment comes under the scope of Prof. R. H. Young, who came here in 1925 from Georgia Tech.



Is it going through?

Mechanical Hall.



Mechanical Engineering Department



Kilpatrick
Guinnup
Boyer
Chase

Cizek
Thorpe
Nelson
Scofield

C. Young
R. Young
Simpkin
Mann

BARTON, J. R., Instructor in Mechanical Engineering, 1948. B.S. 1948, Missouri School of Mines.

BOYER, G. C., Associate Professor of Mechanical Engineering, 1946. B.S. in E.E. 1925, M.E. 1932, Montana State College.

CHASE, E. C., Instructor in Mechanical Engineering, 1947. B.S. in M.E. 1947, Wyoming.

CIZEK, F. J., Instructor in Mechanical Engineering, 1947. B.S. 1944, Illinois Institute of Technology.

GUINNUP, G. R., Assistant Professor of Mechanical Engineering, 1939, 1946. B.S. in M.E. 1932; M.S. 1933, Purdue.

KILPATRICK, A. V., Associate Professor of Mechanical Engineering, 1926, 1931. B.S. in M.E. 1925, M.E. 1931, South Dakota State College.

MANN, H. T., Instructor in Mechanical Engineering, 1948. B.S. 1948, Missouri School of Mines.

NELSON, L. C., Instructor in Mechanical Engineering, 1947. B.S. 1943, Iowa State.

SCOFIELD, G. L., Instructor in Mechanical Engineering, 1948. B.S. in M.E. 1946, Purdue.

SIMPKIN, W. E., Instructor in Mechanical Engineering, 1948. B.S. 1948, Missouri School of Mines.

THORPE, C. J., Assistant Professor of Mechanical Engineering, 1942, 1948. B.S. in M.E. 1935, Missouri School of Mines.

YOUNG, C., Jr., Instructor in Mechanical Engineering, 1947. B.S. in M.E. 1945, Illinois Institute of Technology.

YOUNG, R. H., Associate Professor of Mechanical Engineering, 1925, 1942. B.S. in M.E. 1921, Georgia Tech.



Hot on the job.

A. S. M. E.

The student branch of the American Society of Mechanical Engineers, from its opening fall program dealing with "Prefabricated Holes" up to the traditional spring banquet, has experienced a very busy year. Student interest in the society was evidenced by the number that joined it as well as the members that attended its meetings.

Many outstanding engineers were brought to the campus during the year. Among those who appeared at its meetings were such men as Dr. M. A. Elliott, assistant chief of the Research and Development Branch, office of Synthetic Liquid Fuels, U. S. Bureau of Mines; Mr. J. K. Myers, assistant general sales manager, Black, Swalls and Bryson, Inc.; Mr. A. F. Lyster, the Socony-Vacuum Oil Company; Mr. John Kane, American Air Filter Company; and Mr. F. A. Fauelle, Fauelle-Levalley Corp., and chairman of the Citizenship Development Committee of A. S. M. E.



A.S.M.E. Fall and Spring Officers.

OFFICERS

Fall		Spring
E. Wunnenberg.....	Chairman.....	E. Mengel
J. Babbitt	Vice-Chairman.....	J. Timlin
E. Mengel.....	Secretary.....	J. Babbitt
F. Hart.....	Treasurer.....	R. Ruenheck
Honorary Chairman.....	Professor G. C. Boyer	

SEVENTH ROW: Trew, Stahl, Pender, Joslin, Paulick, Carman, Perry, Davidson, Trace, Gehrs, Toomey, Lodwick, Yeakey, Starke, Norman, Mottin. SIXTH ROW: Carl, Brugioni, Wagner, Hinch, Wilson, Duncan, Milburn, Kronmueller, Radford, Steele, Tabor, Bevan, Clifton, Roenfeldt. FIFTH ROW: Behm, D. Wunnenberg, Gergeceff, Atchison, Pyle, Acheson, Sculley, Schneider, Wright, Giacomia, Ferguson, Hartmann, Carpenter, Bopp. FOURTH ROW: Feltmann, Babbitt, Wunnenberg, Bruce, East, Boecker, Crabtree, Brooks, Springer, Wissel. THIRD ROW: Freuler, Barton, Simpkin, Kahtz, Crawford, Mengel, Schowalter, Danz, Mooney, Lawrence, Ellenson, Heidbrier, Hart, Bauer. SECOND ROW: Perkins, Starkweather, Wickey, Comerer, Tichy, Ronald, Prof. Boyer, Ray, Hill, Clausen, M. Boyer, Hogan, Kelly. FIRST ROW: Carroll, Foster, Wolk, Callahan, Krautschneider, Schaefer, Prof. Miles, Schirmer, Marting, Telthorst, Bachman, Neustaedter, Parks.





Norwood Hall.

Electrical Engineering Department

Now the second largest department in the school, increasing with each registration, is the Electrical Engineering Department. The reason for this is the widespread industrial use of this form of energy with its flexibility, efficiency, convenience, and accurate control. Many opportunities have been created for employment of men with electrical engineering training in industries in which few opportunities formerly existed. The innumerable applications of electricity have given rise to the need for training all types of engineers in its principles.

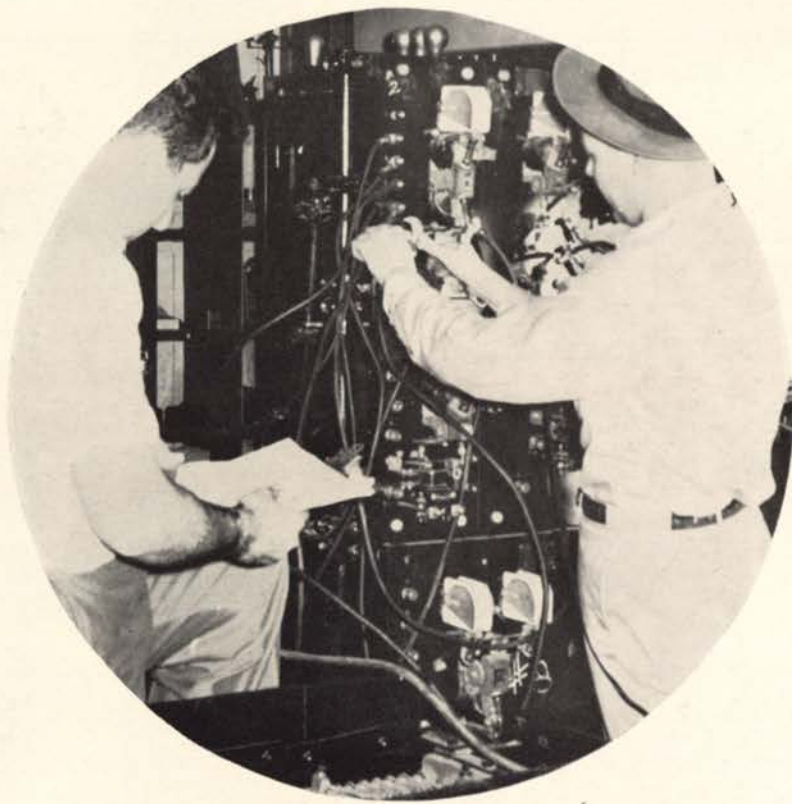


ISRAEL H. LOVETT
Department Chairman
Professor of Electrical Engineering, 1921, 1931.
B.S. 1914, M. I. T.; B.S. in E.E. 1924, Missouri School of Mines;
M.S. in E.E. 1928, Michigan.

Theoretical classroom work is accompanied by laboratory courses which not only present fundamental electrical testing methods, but also aid the student in the formation of habits of accurate observation and in gaining experience in the preparation of technical reports. The department curriculum is, for the most part, elective in the senior year. This is to enable the student greater opportunities of specialization in his chosen field, either power transmission or electronics and communications.

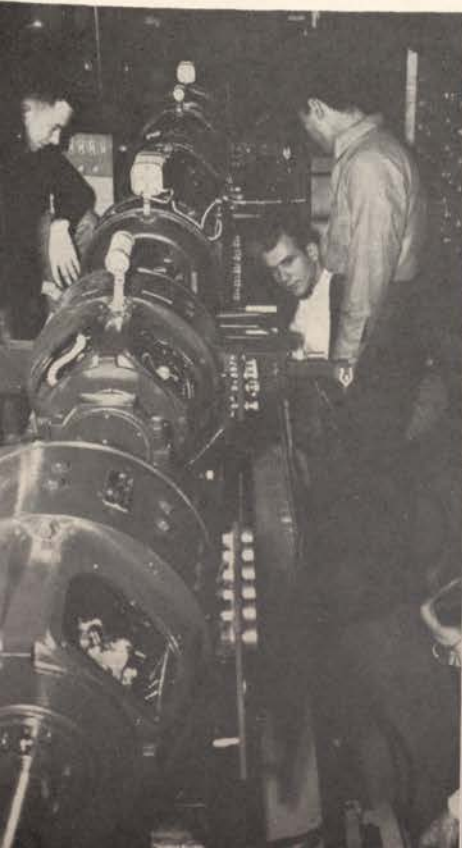
Professor Lovett has this year assumed the chairmanship of the E.E. Department. He has been active on the department staff since 1921 and is very familiar with its operation. Although a soft-spoken man, he is well liked for his good-natured attitude and reliable advice to troubled students.

Professors W. E. Feist and P. M. Gray, who both came to M.S.M. in 1947, are familiar to all E.E. students when they take their first E.E. course as a sophomore.



Making connections.

New equipment.



*Checking the voltage.
Briefing.*



Checking the line.





How big?

- ANTHONY, P. L., Instructor in Electrical Engineering, 1948. B.S. 1948, John Brown University.
- BARCROFT, J. R., Instructor in Electrical Engineering, 1948. A.B. 1944, Albion College.
- CROSBY, H. A., Instructor in Electrical Engineering, 1948. B.S. 1948, Washington University.
- FEIST, W. E., Assistant Professor of Electrical Engineering, 1947. Dipl. Ing. E.E. 1926, Institute of Technology, Berlin-Charlottenburg.
- GRAY, P. M., Assistant Professor of Electrical Engineering, 1947. B.S. in E.E. 1922, North Carolina.
- GRIMM, C. J., Instructor in Electrical Engineering, 1948. B.S. 1930, Missouri School of Mines.
- GROVE, A. W., Assistant Professor of Electrical Engineering, 1948. B.S. 1925, Penn. State; M.S. 1930, Iowa State; M.A. 1934, New York University.
- HORTON, H. R., Assistant Professor of Electrical Engineering, 1948. B.S. 1916, University of Arkansas.
- JOHNK, C. T., Assistant Professor of Electrical Engineering, 1942, 1945, 1948. B.S. 1941, Shurtleff; B.S. 1942, Missouri School of Mines.
- MURNEY, W. B., Instructor in Electrical Engineering, 1948. B.S. 1948, Missouri School of Mines.
- RITTINHOUSE, J. W., Instructor in Electrical Engineering, 1947. B.S. in E.E. 1939, Purdue.
- SKITEK, G. G., Instructor in Electrical Engineering, 1943, 1946. B.S. 1943, Missouri School of Mines.
- WHEAT, R. D., Instructor in Electrical Engineering, 1948. B.S. 1944, Missouri School of Mines.
- WORLEY, J., Assistant Professor of Electrical Engineering, 1948. B.S. 1923, E.E. 1931, Missouri School of Mines.
- ZABORSZKY, J., Assistant Professor of Electrical Engineering, 1948. Dipl. Ing. 1937, D.Sc. 1942, Hungarian Technical University, Budapest.



Zaborszky
Anthony
Grimm

Murney

Johnk
Horton
Barcroft

Feist

Grove
Crosby
Worley

A.I.E.E.--I.R.E.

The outstanding event of the year for electrical engineering students has been the formation of a joint A.I.E.E.-I.R.E. student chapter. Both of these organizations, the American Institute of Electrical Engineers and the Institute of Radio Engineers, are directed toward the advancement of the theory and practice of electrical engineering and the allied arts and sciences. The formation of this joint student chapter will facilitate the achievement of these objectives by being more representative of the broad field of electrical engineering.

Other memorable events of the past year's activities include such diverse items as an outstanding address by Mr. Dean Fales of the Ralston Purina Company, the annual outing at Meramec Springs, and the annual banquet and joint meeting of the Missouri chapters of the A.I.E.E. The local chapter was proud to be host to this event.



A.I.E.E. Officers.

OFFICERS

Fall		Spring
J. D. Kelley.....	Chairman.....	J. L. Sarzin
J. L. Sarzin.....	Vice Chairman.....	G. D. Holmes
J. Stadelhofer.....	AIEE Secretary.....	R. Poppitz
.....	IRE Secretary.....	E. Hughes
W. A. Drago.....	Treasurer.....	L. Spanberger



FIFTH ROW: Howard, Ryan, Mudd, McDonald, Hale, Youngblood, Gifford, Sakonyi, Sims, Skinner, Boos, Welliver, Pomeroy, Casper, Schneider, Payne, Marting, Salomo, Carter, Schalk. FOURTH ROW: McNichols, Wolfram, Costley, Bowen, Mallon, Wolfe, Broden, Brinkmann, Cromer, Martin, Hogland, Smith, Blankenmeister, Eichelberger, Wundrack, Morgan, Ege, Hollenbach, Glasser, Kuhlman, Nickel. THIRD ROW: Rust, Beach, Drago, Ellis, Deeken, Neidel, Holmes, Kelley, Stadelhofer, Rieder, Ball, Hansen, Plunkett, Thompson, Messner, Phillips, Wassilak, Down. SECOND ROW: Hurst, Janczewski, Spanier, Fraser, Spinoli, Prof. Lovett, Grueneberg, Fliehman, Sarzin, Stein, Long, Heitzberg, Gandhi. FIRST ROW: Eason, Passarelli, Filer, Rudoff, Palubiak, Laubach, Perko, Rohlfing, Kauffman, Sakonyi, Ogg.



WALTER T. SCHRENK
Department Chairman
Professor of Chemical Engineering, 1923, 1929.
B.S. 1915, Monmouth; M.S. 1919; Ph.D 1922, Wisconsin.

The field of Chemical Engineering is the most diversified of all fields of engineering. A graduate Chemical Engineer is qualified to assume a position in a large number of industries, such as those manufacturing dyes, explosives, petroleum products, glass, plastics, and other essential manufacturing industries. The majority of the graduates in this curriculum obtain jobs in the laboratory, design, plant operation, technical sales and administration, or enter the teaching profession.

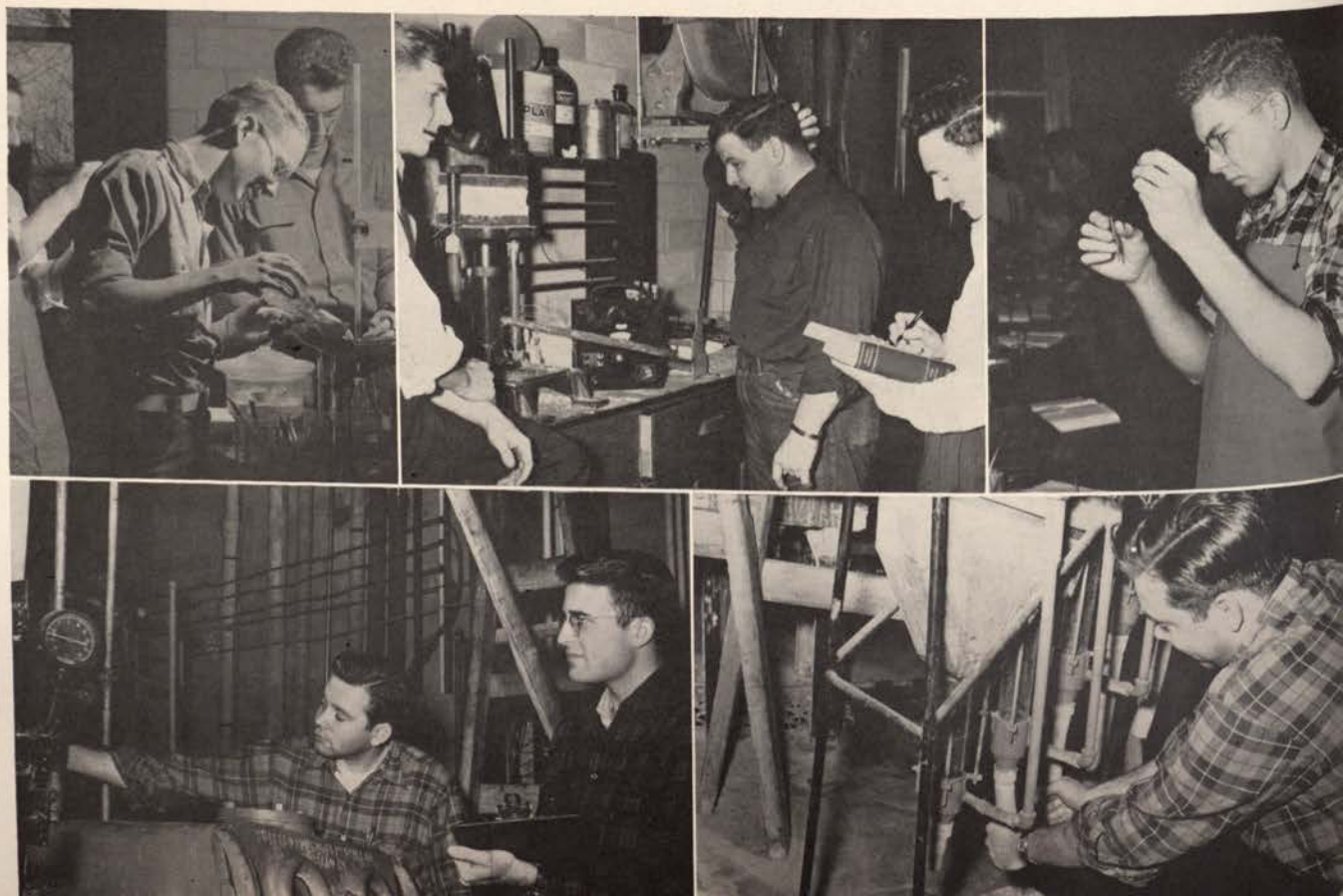
The Chemical Engineering Department at

Chemical Engineering Department

M.S.M. adequately prepares the young chemists for any phase of the science he endeavors to enter. The field is broad and sufficiently varied to suit the most discriminating. Just as success in Chemical Engineering demands a smattering of knowledge in other fields of engineering, success in other fields require a basic knowledge of chemistry. The Chemical Engineering Department offers this valuable instruction by supplementing the curricula of the other departments with advanced chemistry and chemical engineering courses.

As chairman of the department, Dr. W. T. Schrenk directs the department's activities and a staff of men who are brilliant chemists and capable instructors. The staff includes Dr. E. D. Fisher and Dr. E. C. Henley, a recent addition to the M.S.M. faculty, who teaches freshman chemistry, which is one of the most important phases of the curriculum. Dr. R. A. Cooley, Dr. R. R. Russell, and Dr. J. B. O'Hara, newcomers to the faculty also, teach advanced department courses.

The completion of the department's new building this year will mark considerable progress in the advance of the department's activities.





Chemical Engineering Building.

Intricate filtration.

"Now what happens?"

Drop by drop.

Checking gauge pressure.

Chem Engin at work.

Chemical Engineering Department



Conrad
Hudgens

Brand

Russell
Cooley

Snell

Hendley
Reed

Fahien

Fisher
Cornwall

BRAND, G. E., Instructor in Chemical Engineering, 1948. B.S. 1939; M.S. 1948, M. S. M.

CONRAD, F. H., Professor of Chemical Engineering, 1936, 1947. B.S. in Ch. E. 1923; Ph.D. 1934, University of Washington.

COOLEY, R. A., Associate Professor of Chemistry, 1948. Ph.D. California Institute of Technology.

COLLIER, E. H., Instructor in Chemistry, 1946. B.S. 1930, Missouri.

CORNWALL, R. R., Instructor in Chemical Engineering, 1946. B.S. 1945, M.S. 1946, Washington University.

FAHIEN, R. W., Instructor in Chemistry, 1947. B.S. in Ch.E. 1947, Washington University.

FISHER, E. D., Associate Professor of Chemical Engineering, 1946, 1947. B.S. 1931, Dakota Wesleyan; Ph.D. 1935, Wisconsin.

HENLEY, E. C., Associate Professor of Chemistry, 1948. B.S. 1927, Mississippi State College; M.A. 1931, George Washington University; Ph.D. 1948, University of Missouri.

HUDGENS, E. W., Instructor in Chemical Engineering, 1948. B.S. 1948, M. S. M.

O'HARA, J. B., Assistant Professor of Chemical Engineering, 1948. B.S. University of Illinois; M.S. 1945, University of Michigan; Ph.D. 1948, Case Institute of Technology.

SNELL, R. L., Instructor in Chemistry, 1948. B.S. 1948, Drury.

REED, C. O., Jr., Instructor in Chemical Engineering, 1948. B.S. 1948, Washington University.

ROEMER, T. J., Instructor in Chemical Engineering, 1947. B.S. in Ch.E. 1943; M.S. in Ch.E. 1947, Missouri School of Mines.

RUSSELL, R. R., Assistant Professor of Chemical Engineering, 1948. A.A. 1941, Graceland College; A.B. 1943, M.A. 1946, Ph.D. 1948, University of Kansas.



Checking the boiling point.

A. I. Ch. E.

The Missouri School of Mines Student Chapter of the American Institute of Chemical Engineers provides opportunities for the professional development of students majoring in Chemical Engineering by featuring outstanding professional men and scientists as speakers at its regular meetings. The Ira Remson Society was organized on the M.S.M. campus October 11, 1923. In March, 1939, this society was granted a charter in the A.I.Ch.E.

Under the capable leadership of the officers and Dr. F. H. Conrad, counselor for the local chapter, the society has had its most successful year including the largest enrollment in the history of the college.

OFFICERS

President.....J. Rice
Vice-President.....L. Frank
Secretary.....W. E. Bach
Treasurer.....N. Holloway

FACULTY MEMBERS

Dr. F. H. Conrad.....N. C. Costakos
Dr. J. B. O'Hara.....C. O. Reed



A.I.Ch.E. Officers.

Best part of the meeting.



FIFTH ROW: Rees, Bockstruck, Haas, Smith, Knecht, Holloway, N. Niederstadt, Peterson, R. Niederstadt, Honerkamp, Wyatt, Goller, Driscoll, Lafferty, Ryan, Burch, Hardin. FOURTH ROW: Hagar, Howard, Breidert, Hemme, Brice, Davis, Vogler, Middeler, Miazga, W. Walker, Geiss, Branson, Schmitz, Klemme, Kingsley, Schweder, Reed. THIRD ROW: Dieckman, Bueker, Schafer, Coffman, Ferry, Taylor, Dehekker, Venarde, Jamieson, Campbell, Ehrler, Frank, Withrow, Booth, Carter, Brown. SECOND ROW: Iten, Hughes, Strite, Dr. Conrad, Walker, Young, Schmitt, Chapman, Isringhaus, Rohr, Wood, Dillender. FIRST ROW: Cotner, Commerford, Coffey, Kinder, Maag, Bach, Church, Guzzi, Helwig.



JOE B. BUTLER
Department Chairman
Professor of Civil Engineering, 1920, 1931.
B.S. in C.E. 1915; B.S. in Ed. 1924, Oklahoma A. & M;
M.S. in C.E. 1924, Missouri School of Mines.

The oldest engineering profession, Civil Engineering, is offered in a manner designed to provide thorough training in the fundamental principles upon which professional engineering was founded. Although the C.E. curriculum includes subjects common to all curricula for the first two years, specialization in various branches of the profession is provided during the junior and senior years.

Harris Hall, which was completed in 1940, is equipped for the department's activities. Hydraulics, Soil Mechanics, Bacteriology, and Materials Testing laboratories are located in Harris Hall. The various survey classes under the leadership of Professor C. W. Eshbaugh spend their laboratory periods on the campus and throughout the town of Rolla.

The C.E. Department strives to prepare

Civil Engineering Department

the graduate for technical positions in design, construction, management, operation, and promotion of engineering projects.

Professor J. B. Butler, who has been with M.S.M. since 1920, is chairman of the department. Although his chief interest is vested in hydraulics, he has supervised map making of county roads throughout Missouri during the recent years. Other leaders of this department are Prof. Carlton, structural engineering chief, and Prof. Gevecker, soil mechanics expert.



A mirage.

Bridge design.

Advanced Civils in action.





Harris Hall.



Wegener
Carlton
Gevecker
Senne
Trace

Eshbaugh
Whitfield
Kimmick
Duba
Heartz

Rapp
Becker
Muir
Hershkowitz
Roberts



Sighting in.

- BECKER, A. B., Instructor in Civil Engineering, 1947. B.S. 1947, M. I. T.
- CARLTON, E. W., Professor of Structural Engineering, 1923, 1936. B.S. in M.E. 1920, M.S. Ind. Ed. 1926, Colorado Agricultural College; B.S. in C.E. 1926, M.S. in C.E. 1935, Missouri School of Mines.
- DUBA, J. G., Instructor in Civil Engineering, 1947. B.S. in C.E. 1947, Washington University.
- GEVECKER, V. A., Associate Professor of Civil Engineering, 1938, 1947. B.S. in C.E. 1931, Missouri School of Mines; M.S. 1937, California Institute of Technology.
- HEARTZ, F. R., Instructor in Civil Engineering, 1947. B.S. in C.E. 1944, New Hampshire.
- HERSHKOWITZ, L., Instructor in Civil Engineering, 1946. B.S. in C.E. 1941, Missouri School of Mines.
- KIMMICK, E. J., Instructor in Civil Engineering, 1947. B.S. in C.E. 1947, Ohio State.
- LAUMAND, J. L., Instructor in Civil Engineering, 1948. B.S. 1948, Southeast Missouri State Teachers College.
- MCCARTHY, J. F., Instructor in Civil Engineering, 1948. B.S. 1948, Missouri School of Mines.
- MUIR, C. D., Instructor in Civil Engineering, 1948. B.S. 1947, Texas A. & M.
- RAPP, R. A., Instructor in Civil Engineering, 1948. B.S. 1948, University of Pittsburgh.
- ROBERTS, J. K., Instructor in Civil Engineering, 1947. B.S. in C.E. 1947, Oklahoma.
- SENNE, J. H., Instructor in Civil Engineering, 1948. B.S. 1948, Washington University.
- TRACE, J. J., Instructor in Civil Engineering, 1948. B.S. in C.E. 1948, Missouri School of Mines.
- WEGENER, W. F., Instructor in Civil Engineering, 1947. B.S. 1948, Missouri School of Mines.
- WHITFIELD, T. H., Jr., Instructor in Civil Engineering, 1948. B.S. 1948, Alabama Polytechnic Institute.

A. S. C. E.

The M.S.M. Student Chapter of the American Society of Civil Engineers has been quite active in promoting interest and advancing the knowledge of its members by having outstanding professional men from all branches of civil engineering as featured speakers at the regular meetings.

Operating under the competent advice of Professor E. W. Carlton, capable officers, and cooperation of all members, the society has had a very successful year. Early in the school year the chapter was host to nine other schools that came to M.S.M. for the annual conference of the Mid-Continent Student Chapters of the A.S.C.E. Another outstanding event was the trip into St. Louis to attend the meeting of the St. Louis section of the American Society of Civil Engineers. For the final event of the year the society held its annual spring outing, providing an all-time record of fun and relaxation.

OFFICERS

President.....William D. Carney
Vice President.....Robert J. Yockum
Secretary.....Keith E. Short
Treasurer.....Eddie Lee Dougherty



A.S.C.E. Officers.



NINTH ROW: Ferguson, Aegerter, Werner, Firman, Lightfoot, Daetz, Teas, Trace, Miller, Dean, Coplen, Prof. Gevecker, Adams. EIGHTH ROW: Edgington, Parsons, Wagner, Satterlee, Bartels, Findley, Tippit, Wisch, French, Knepper, Winters, Ellis. SEVENTH ROW: Faith, Strong, Walker, Poliquin, Clark, Wirts, Warren, Marshall, Danzer, Chapman, Bullock, Bounds. SIXTH ROW: Wooldridge, Boaz, Short, Carney, Prof. Carlton, Yochum, Dougherty, Russell, Grojean, Bottermuller, Zerweck, Shaver. FIFTH ROW: Hoffman, Graham, Schultz, Schafer, Horsley, Gore, Lukofka, Weismantel, Tucker, McGrath, Elliot, George, Telthorst, Miller, Rose, Tate. FOURTH ROW: Weber, Hughes, Vansant, Kemper, Lenox, Weinell, Heartz, Andreassen, Bay, Schmidt, Holland, Prof. Muir, Myers, Prof. Kimmick, Wees. THIRD ROW: Tindall, Alvarado, King, Smith, Wisdom, DeShon, Berger, Nichols, Johnson, Ransom, Kuehnert, O'Conner, Averbach, Schlemer, Ouzer. SECOND ROW: Randle, Letizia, Prof. Duba, Prof. Rapp, Prof. Butler, Prof. Roberts, Berry, Raymer, Breuer, Prof. Hershkovitz. FIRST ROW: Laumand, Alankard, Herrmann, George, Shaw, Prof. Senne, Kruse.



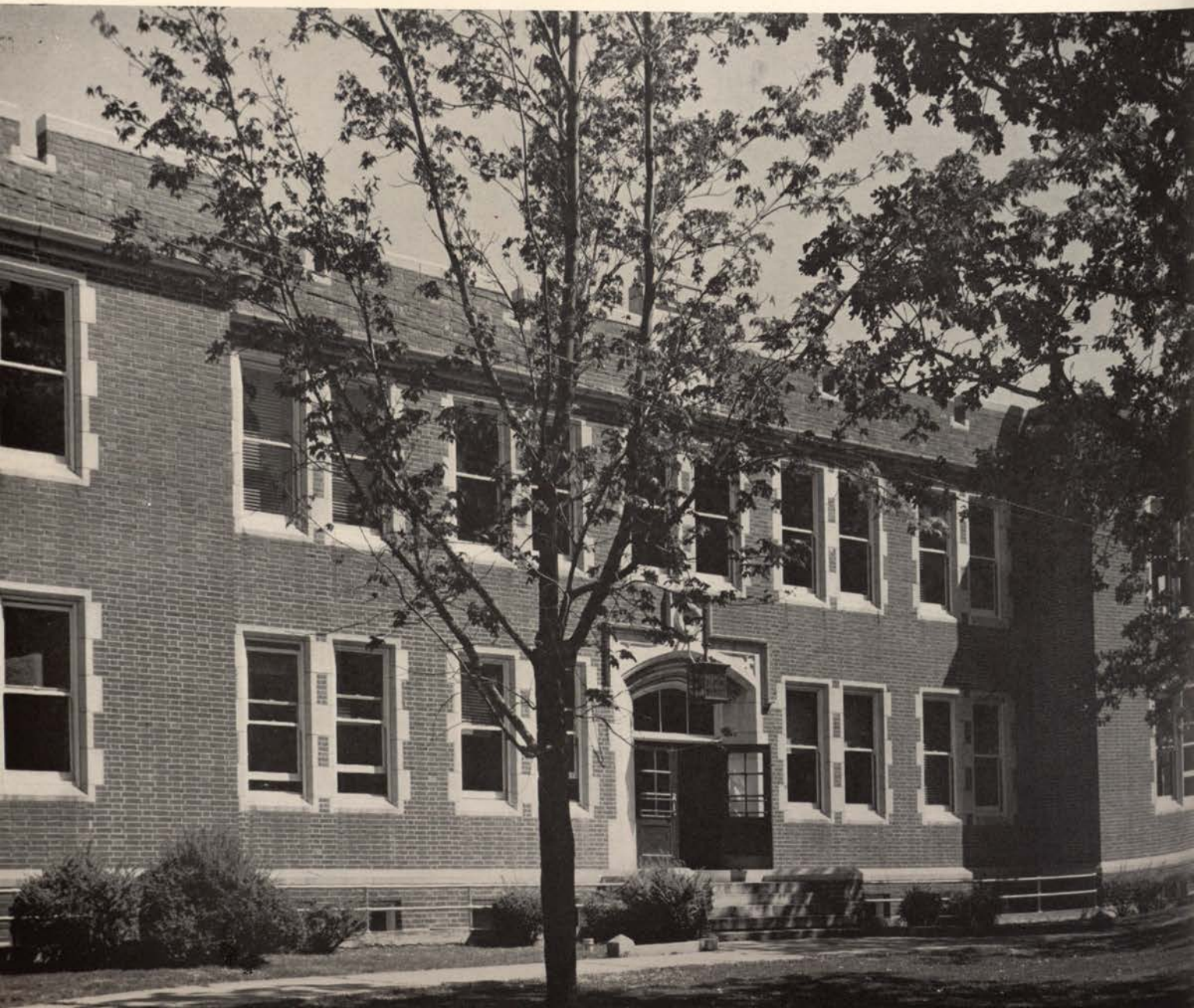
Ceramic Engineering Department

Since 1898, when ceramic education began in America, less than two thousand graduates have gone into this industry composed of more than thirty-five thousand plants in the United States. M.S.M. is one of the few colleges in the United States offering degrees in Ceramic Engineering.

Ceramic Engineering is that branch of engineering concerning the manufacture of products utilized by mankind from non-metallic inorganic material, the processing of which employs high

PAUL G. HEROLD
Department Chairman
Professor of Ceramic Engineering,
1936, 1944.
B.Cer.E. 1931, M.S. 1932, Ph.D. 1934,
Ohio State University.

Experimental Station.



Ceramic Engineering Department



"Mo" moulding mud.

Checking clay structure.

temperature reactions. The following manufactured products are included in this branch of engineering refractories, structural clayware, glassware, porcelain enamelware, electrical porcelain, abrasive wheels, cement, lime, and plaster. These products have made possible many of the marvels of the modern age.

The curriculum of the Ceramic Department affords a well-rounded study of the fundamental sciences and allied engineering subjects, as well as all branches of Ceramic Engineering. The Ceramics course features more laboratory work than the other department on the campus, and concentrates on the study of clay and its products.

Dr. P. G. Herold, who came to M.S.M. in 1936, heads this department, which is one of the best of its kind in existence.

Another important man in this department is Professor W. J. Knapp. Professor Knapp came here in 1947.



Free ash trays.



Open House.



Parents' Day.

Ceramic Engineering Department



Knapp

KNAPP, W. J., Assistant Professor of Ceramic Engineering, 1947. B.S. 1939, Alfred; Sc.D. 1942, M. I. T.

PLANJE, T. J. M., Instructor in Ceramic Engineering, 1946. B.S. in Cer.E. 1940, Missouri School of Mines.

A. C. S.

The present M.S.M. Student Branch of the American Ceramic Society was first organized as such in 1937. Previously it had been known on the campus as the "Orten Society".

The purpose of the organization is to unite the students both socially and professionally, and to promote interest in and acquaint the student with the ceramic industry. In this regard the society holds annual social events and monthly meetings, at which motion pictures, concerned with the ceramic industry, are shown and interesting talks are presented by prominent speakers.

The society thus serves in the capacity of correlating social and intellectual activities of its members.

OFFICERS

President.....	A. D. Fentzke
Vice President.....	R. F. Grotefendt
Secretary.....	E. Laird
Treasurer.....	B. Mornin
Advisor.....	Dr. P. G. Herold



A.S.C. Officers.



THIRD ROW: Bartel, Barr, Young, Hughes, Weissmann, Wilkins, Eck, Fentzke, Evans, Hyatt, Zavislak, Mueller, Prof. Planje, Prof. Knapp, Hellriegel. SECOND ROW: Prof. Herold, Davis, Whitney, Evans, Grotefendt, Heath, Williams, Padfield, Brassfield, Mornin, McClelland, Collins, Fields, Simmons. FIRST ROW: Amin, Eisenberg, Raymond, Zvanut, Moscker, Schmitt, Gallagher, Wilkes, Hay, Laird, Breitwieser, Dermody, Daste, Shah, Pijuch Kanti, Griffin.

Humanities and Social Studies



Oakes
Steinbach
Pfau
Steinmeyer
Roberts

Niles
Christy
Barr
Brewer
Derbak
Cagg

Koch
Jelinek
Goold
Garner
Moulder



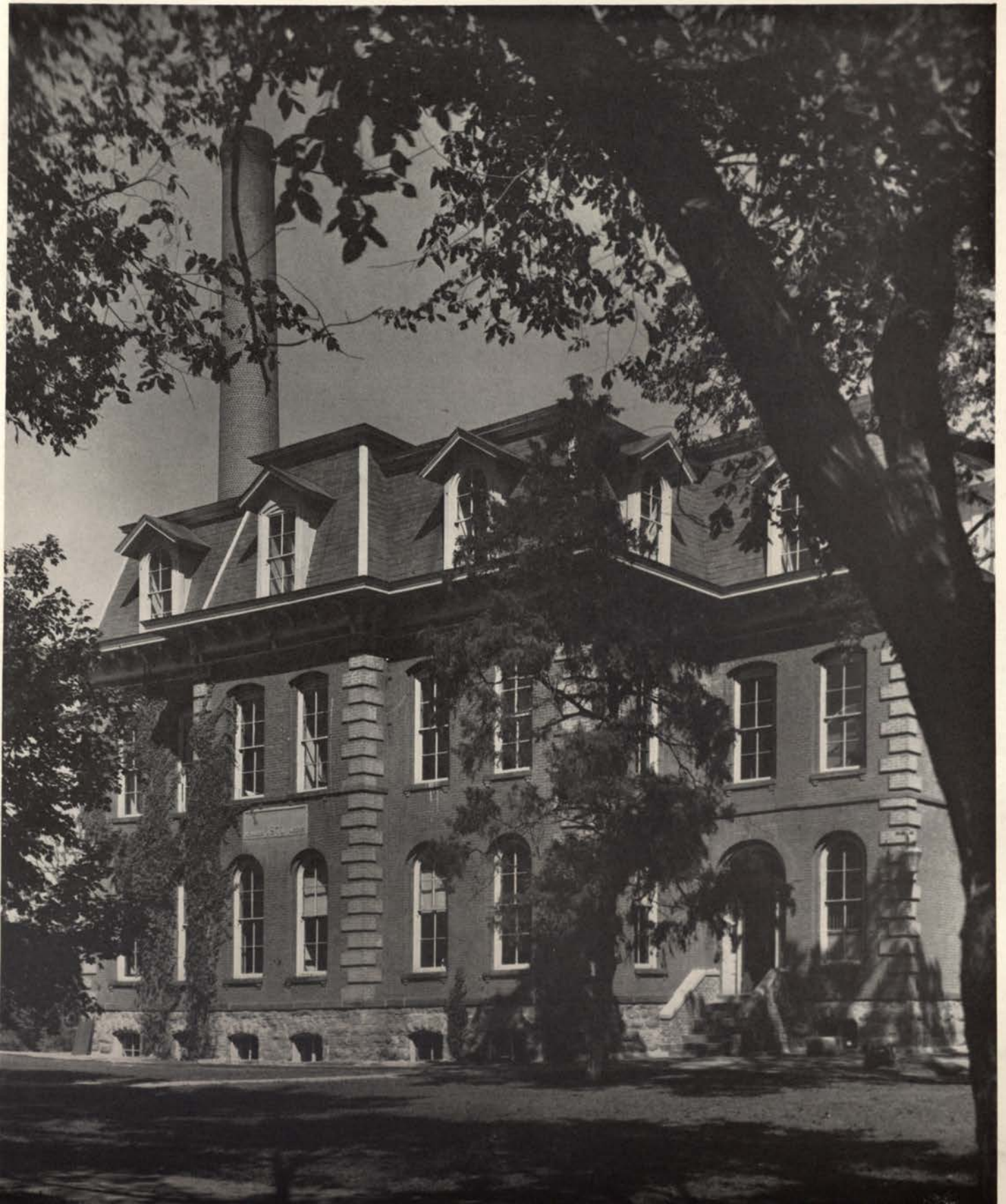
SAMUEL H. LLOYD, JR.
Department Chairman
Professor of Economics, 1921, 1946.
A.B. 1918, DePauw; M.S. 1921, Missouri School of Mines.

Of ever-increasing importance in the engineering curriculum are those courses under the direction of the Humanities Department. Educators have come to realize that pure technical knowledge does not make a good engineer, but rather an intimate mixture of the cultural and technical combined. The aim of this department is to complete this missing link in the engineering curriculum.

Heading the department and governing its duties is Professor S. H. Lloyd. He has held this position since 1946 and is well liked in this role by the students and faculty.

AUDRAIN, J. P., Instructor in English, 1947. B.A. 1925, M.A. 1936, Oklahoma.
BARR, W., Instructor in History, 1948. A.B. 1936, M.S. 1938, Washington University.
BREWER, J. M., Instructor in English, 1947. B.Ed. 1935, Southern Illinois; M.A. 1942, Illinois.
CAGG, M. H., Assistant Professor of English, 1927, 1931. B.S. 1917, A.B. 1920, Ohio; M.A. 1921, Ohio State.
CHRISTY, C., Instructor in English, 1946. B.A. 1944, Colorado.
CRUMPLER, H. A., Instructor in English, 1946. B.J. 1941, Missouri.
DERBAK, J., Instructor in Economics, 1947. B.Ed. 1947, Southern Illinois.
GARNER, M., Instructor in Economics, 1946. B.S. 1941, Indiana.
GOOLD, R. H., Instructor in Economics, 1947. B.S. 1925, M.S. 1930, Illinois.
GUM, W. L., Instructor in History, 1948. A.B. 1943, A.M. 1948, University of Virginia.
JELINEK, J. J., Associate Professor of English, 1946, 1948. B.S. 1937, Illinois; M.A. 1940, Northwestern.
KOCH, J. A., Instructor in Economics, 1946. B.S. 1939, Illinois.
MOULDER, K. M., Instructor in English, 1947. B.S. 1935, Drury College.
MURPHY, W. J., Instructor in English, 1946. Ph.B. 1942, University of Detroit; M.A. 1944, University of Kansas City.
NILES, C. E., Jr., Instructor in English and Spanish, 1948. A.B. 1942, A.M. 1947, University of Tennessee.
OAKES, F. E., Instructor in English and French, 1948. A.B. Allegheny College; A.M. 1937, University of Wisconsin.
PARKS, T. E., Instructor in English, 1948. B.Ed. 1942, A.B. 1947, Southern Illinois Normal; A.M. 1948, Washington University.
PFAU, E., Instructor in English, 1948. A.B. 1934, Carleton College; B.Ed. 1935, Teachers College, Mankato, Minnesota; A.M. 1947, Columbia University.
PHILLIPS, W. R., Instructor in English, 1946. B.Ed. 1939, Southern Illinois.
ROBERTS, C. N., Assistant Professor of History, 1942, 1947. B.S. 1935, M.A. 1936, Missouri.
STEINBACH, A. C., Instructor in English, 1947. B.S. in Ed. 1937, University of Cincinnati; M.A. 1947, Ohio State.
STEINMEYER, J. A., Instructor in English, 1946. B.J. 1934, Missouri University.

Rolla Building.



Mathematics Department

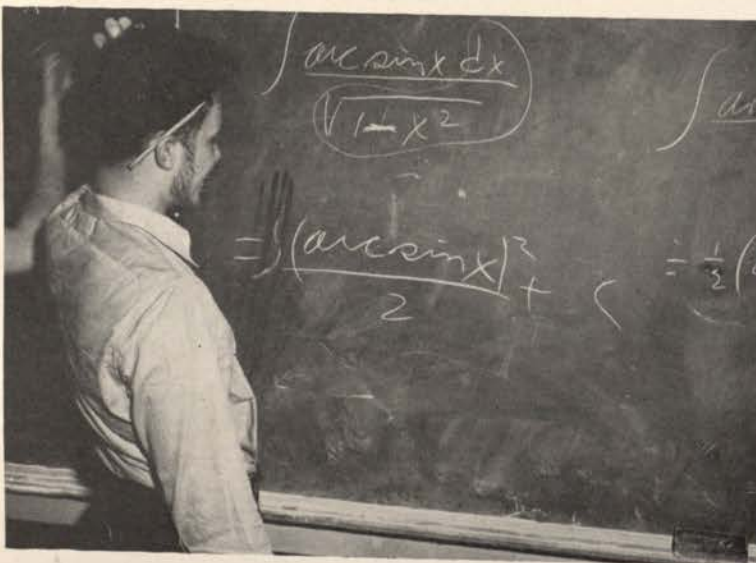
Mathematics, the foundation of all science, is an important tool for all types of engineers. The Math Department offers a series of subjects from algebra to differential equations. The student and graduate are continuously applying their mathematical knowledge to solve various problems he may encounter throughout his lifetime.

The Math Department's activities are centered on the second floor of the old Chemical Engineering Building; however, many math classes are held in Mechanical Hall and several of the newly erected temporary buildings on the campus. A large number of classrooms are available for the Math Department to afford favorable uncrowded classroom conditions.

Professor R. M. Rankin, who first taught here in 1922, is the chairman of the department.

The freshmen are soon acquainted with "Toots" Schuman, O. L. Loomis, and E. L. Cosart. Upper classmen meet Professors Dennie, Goodhue, and Erkilanian.

ROLFE M. RANKIN
Department Chairman
Professor of Mathematics, 1922, 1946.
A.B. 1916, Maryville (Tennessee); A.M. 1922,
Chicago; B.S. in C.E. 1927, Missouri School
of Mines.



Involved intergration.



"Toots" in action.

Mathematics Department

BINNELL, C. R., Instructor in Mathematics, 1947. B.S. 1946, Central Missouri State.

CARLSON, J., Instructor in Mathematics, 1948. A.B. 1947, A.M. 1948, University of Kansas.

COSART, E. L., Instructor in Mathematics, 1947. B.S. 1925, Northwest Oklahoma Teachers College; M.A. 1932, Columbia.

DENNIE, F. E., Associate Professor of Mathematics, 1909, 1931. B.S. in C.E. 1909, Brown.

ECK, R. A., Instructor in Mathematics, 1946. B.S. in Min. E. 1943, Missouri School of Mines.

ERKILETIAN, D. H., Assistant Professor of Mathematics, 1942, 1946. A.B. 1936, Western Kentucky State Teachers College; M.A. 1938, Illinois.

EVANS, M. B., Instructor in Mathematics, 1947. B.S. 1947, Michigan.

GOODHUE, E. A., Associate Professor of Mathematics, 1925, 1946. A.B. 1917, Amherst; B.S. 1920, California Institute of Technology; M.S. 1927, Missouri School of Mines.

JOHNSON, C. A., Assistant Professor of Mathematics, 1946, 1948. B.Ed. 1937, Northern Illinois State Teachers; M.A. 1940, Northwestern.

KERR, R. H., Instructor in Mathematics, 1946. A.B. 1929, Southwest Missouri State.

LEE, R. E., Instructor in Mathematics, 1946. B.S. 1942, Missouri Valley.

LOOMIS, O. L., Instructor in Mathematics, 1946. B.S. 1932, A.M. 1933, Missouri.

PAGANO, S. J., Instructor in Mathematics, 1948. B.S. 1946, Missouri School of Mines; M.S. 1948, Washington University.

SCHUMAN, E. K., Instructor in Mathematics, 1946. L.L.B. 1918, Missouri; B.S. in C.E. 1920, Missouri School of Mines.

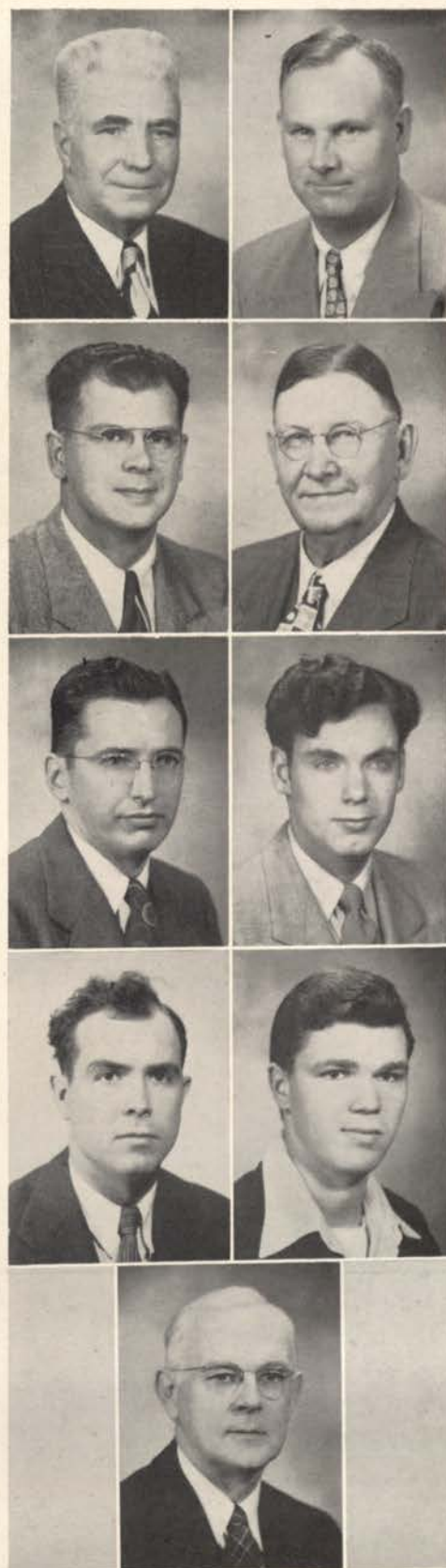
WEST, E. B., Instructor in Mathematics, 1948. B.S. in Ed. 1948, Missouri Valley College.

WOODLE, R. G., Jr., Instructor in Mathematics, 1948. B.S. 1948, Drury.

ZUPSICH, M., Instructor in Mathematics, 1947. A.B. 1939, Illinois College; M.A. 1946, Illinois.



Slipping it out.



Cosart
Erkiletian
Lee
Bonnell

Goodhue

Zupsich
Loomis
Woodle
Evans

Physics Department

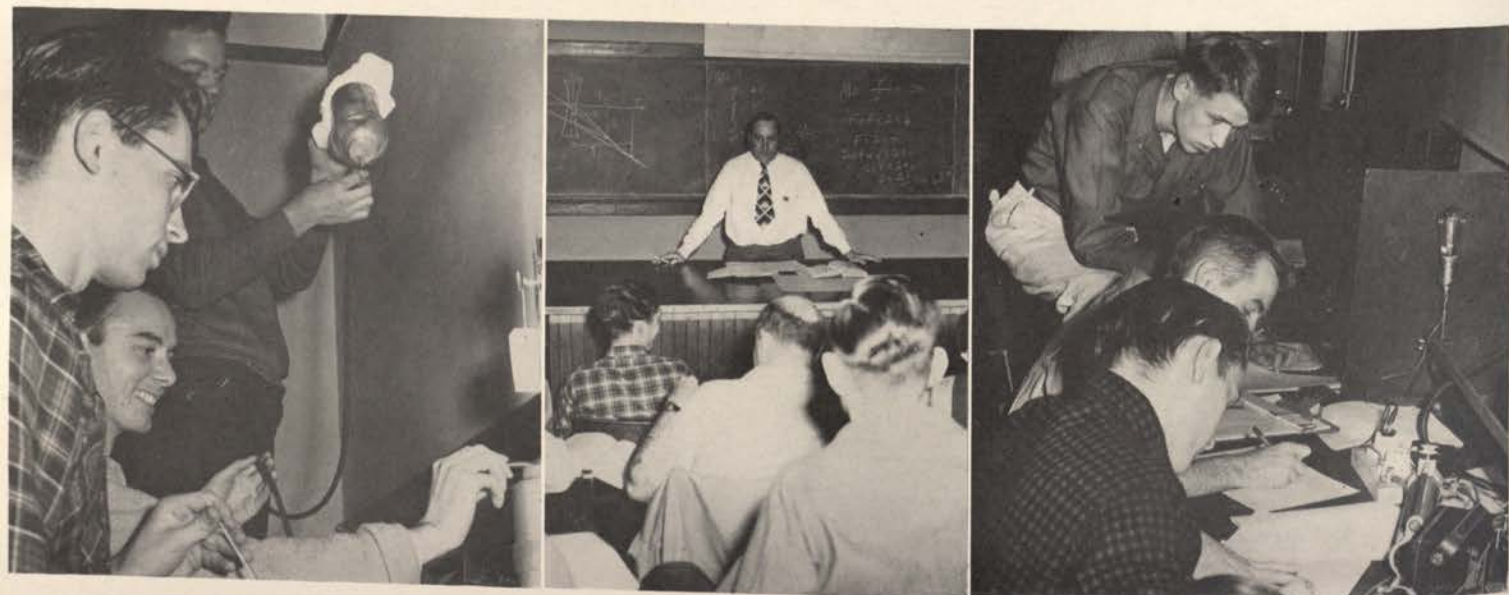
Physics is that branch of knowledge including the fields of electricity and magnetism, light, heat, and mechanics. The Physics Department is principally located in Norwood Hall, but because of the increase in enrollment, expansion to other buildings on the campus has been necessary.

Dr. Harold Q. Fuller became chairman of the Physics Department in the fall of 1948, superseding Dr. L. E. Woodman, who has retired from the chairmanship after many years of service.

Dr. Fuller heads a commendable staff of physicists who possess the capabilities necessary to provide the young engineering student with a rigid foundation in this important science essential to all divisions of engineering. Among these men are Professors W. J. Jensen, P. N. Russell, J. M. Burger, L. E. Leaver, and Dr. E. Fisher, who came to M.S.M. in the fall of 1948, who are familiar to all sophomores when they enter general physics lecture and laboratory courses.



HAROLD Q. FULLER
Department Chairman
Professor of Physics, 1947.
A.B. 1928, Wabash; A.M. 1930, Ph.D. 1932, Illinois.



Ready for action.

"Now this is it."

A serious moment.

Physics Department

ADAMS, C. L., Instructor in Physics, 1948. B.S. 1940, Indiana State Teachers.

BURGER, J. M., Assistant Professor of Physics, 1946, 1947. A.B. 1939, M.A. 1940, Kansas State.

FISHER, E., Associate Professor of Physics, 1948. B.S. 1933, M. I. T.; Ph.D. 1945, Cornell.

HOLLAND, C. R., Instructor in Physics, 1946. B.S. 1943, Southeast Missouri State.

HOOVER, W. C., Instructor in Physics, 1947. B.S. in Ed. 1946, M.S. 1936, Kansas State Teachers.

JENSEN, W. J., Associate Professor of Physics, 1924, 1930. A.B. Carleton; A.M. 1922, Illinois.

LEAVER, L. E., Associate Professor of Physics, 1942, 1947. B.S. in Ed. 1925, Central Missouri State Teachers College; A.M. 1929, Missouri.

LUND, L. H., Assistant Professor of Physics, 1948. B.S. 1940, Kansas Wesleyan University; M.S. 1943, Ph.D. 1949, Missouri.

RUSSELL, P. N., Assistant Professor of Physics, 1946, 1947. A.B. 1929, Fletcher College; M.S. 1930, Michigan.

VAN NOSTRAND, R. G., Instructor in Physics, 1947. B.S. 1942, Missouri School of Mines.

WEBSTER, C. C., Instructor in Physics, 1948. B.S. 1947, University of Nebraska.

WEITZEL, D. H., Instructor in Physics, 1948. B.S. 1947, University of Vermont.



Van Nostrand
Webster
Lund
Fisher

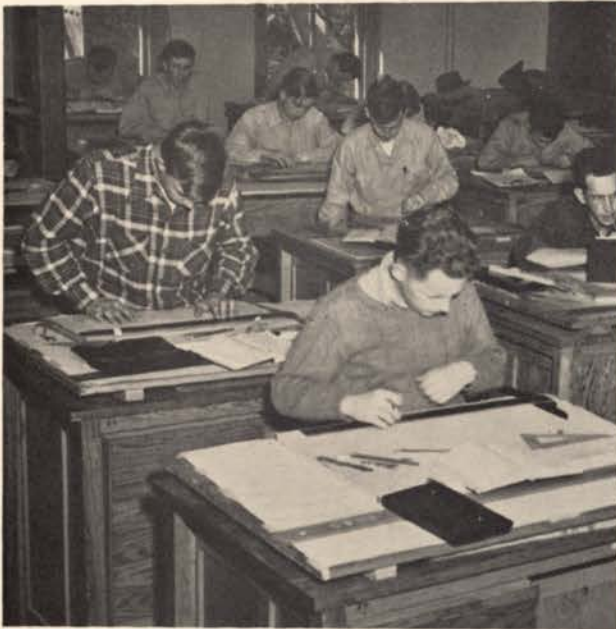
Hoover
Woodman
Burger
Weitzel

Jensen
Russell
Holland
Adams



Webster in action.

Engineering



Engineering Drawing Lab.

One of the basic requirements of an engineer lies in his ability to convey new ideas. This can usually be accomplished by a graphic or pictorial representation. Since there is a definite recognized procedure involved in presenting these representations, it is the aim of this department to present the underlying principles concerned in drafting work and at the same time to give enough practical drafting work to affix these principles in the student's mind. With the completion of each student's work in this department he should be able to present creditable professional drafting and layout since the professional viewpoint is emphasized throughout each course.

So that each candidate for his particular degree may be more thoroughly indoctrinated with the aspects of his phase of engineering, the students in the advanced sections of engineering drawing are segregated as to curricula and specialized drawings of the subjects he is most likely to encounter are presented to

CHRISTIANSON, L. C., Assistant Professor of Engineering Drawing and Descriptive Geometry, 1946. B.A. 1925, Westminster; M.A. 1928, Missouri.

FORBES, J. C., Instructor in Engineering Drawing, 1946. B.S. in M.E. 1944, Missouri School of Mines.

HENRICI, W. C., Instructor in Engineering Drawing and Descriptive Geometry, 1947. B.Arch. 1944, Oklahoma A. & M.

NEVIN, F. E., Instructor in Engineering Drawing and Descriptive Geometry, 1947. B.S. 1944, Missouri School of Mines.

RUSHING, J. F., Assistant Professor of Engineering Drawing and Descriptive Geometry, 1946, 1948. B.S. in C.E. 1940, Missouri School of Mines.

THOMPSON, H. F., Instructor in Engineering Drawing and Descriptive Geometry, 1946. B.S. 1932, Missouri School of Mines.

WILSON, G. B., Instructor in Engineering, 1947. B.S. in C.E. 1917, Missouri School of Mines.



Christianson
Nevin

Rushing
Forbes

Drawing Department

him as projects. Examples of this are architectural drawing which the Civil Engineer encounters, mechanical drawing for all phases of Mechanical Engineering, and electrical layout designed for the needs of the Electrical Engineering student. Methods of mine layout and location of mineral lodes in a diagrammatical style are discussed in the descriptive geometry course.

The department has as its chairman Professor C. H. Black, who has been in charge of this department at the School of Mines since 1946. Another familiar face in this department is that of Professor L. C. Christianson, who has been associated with the drawing department since 1946.

Among the other capable instructors is Professor J. F. Rushing, who in addition to teaching has published several teaching and problem manuals on Engineering Drawing and Descriptive Geometry.

These men, with J. C. Forbes, F. E. Nevin, H. F. Thompson, G. B. Wilson, all of whom are M.S.M. graduates, and W. C. Henrici, a graduate of Oklahoma A. & M., compose the faculty of the M.S.M. Drawing Department.



CLIFFORD H. BLACK
Department Chairman
Associate Professor of Engineering Drawing and
Descriptive Geometry, 1937, 1943.
B.S. in Architecture, 1934, Kansas State; M.C.P. 1946, M. I. T.



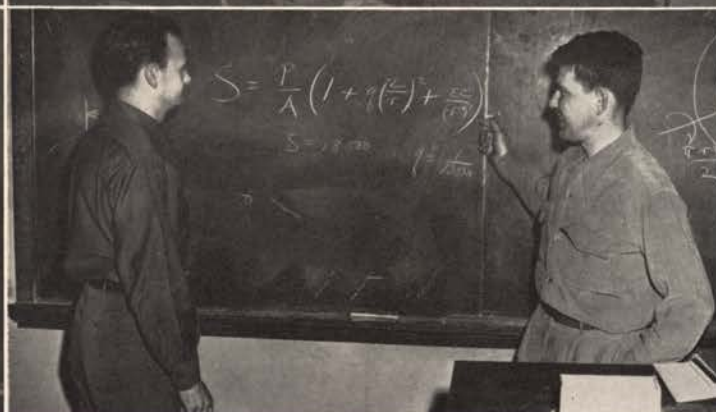
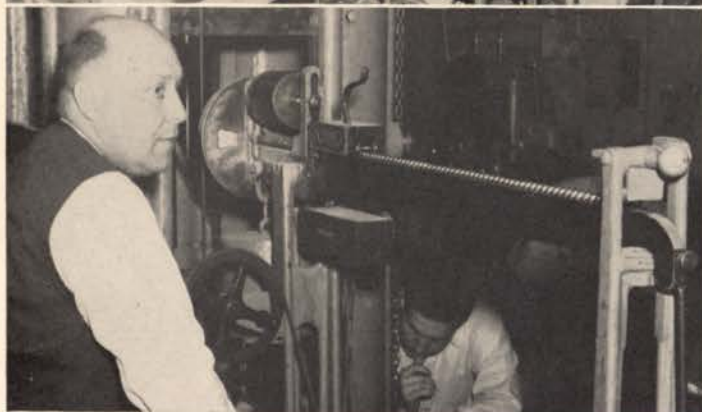
Advanced Drawing.



Prof. Christianson grading papers.



Running off a blue print.



*Taking a free body diagram.
Materials testing lab.*

*Applying tensile stress.
"Substitute in the equation and solve."*

Mechanics Department

Technically speaking, Mechanics is the science that treats the effects of forces on bodies. Its basis for the field of engineering comes from the fact that the engineer continually faces problems involving the control and utilization of forces.

Required lecture courses include Statics, Dynamics, and Mechanics of Materials. This theory is supplemented by practical application in the materials testing laboratory.

Department chairman is no less a personage than R. Z. Williams, assistant dean of the college. His student rating is high both as a teacher and the student's friend. Other familiar men in this department are R. A. Schaefer and Professor N. C. Costakos.



REX Z. WILLIAMS
Department Chairman
Professor of Mechanics, 1931, 1946.
B.S. in Met. 1931, B.S. in C.E. 1937, Missouri School of Mines;
M.S. in Engr. Mechanics 1936, Wisconsin.

Mechanics Department

BREUER, D. W., Instructor in Mechanics, 1947. B.S. in Aero. E. 1947, Iowa State.

COSTAKOS, N. C., Assistant Professor of Mechanics, 1941, 1947. B.S. in Ch.E. 1939, M.S. 1942, Minnesota.

DAVIDSON, R. F., Instructor in Mechanics, 1946. B.S. 1941, Missouri School of Mines.

DAVIS, R., Jr., Instructor in Mechanics, 1946. B.S. in M.E. 1946, Minnesota.

EARLS, J. D., Instructor in Mechanics, 1948. B.S. 1948, Missouri School of Mines.

HARDEBECK, E. J., Instructor in Mechanics, 1948. B.S. 1943, West Point Military Academy.

HOFSTAEDTER, G. F., Instructor in Mechanics, 1948. B.S. in C.E. 1947, Drexel Institute of Technology.

JAHNKE, W. R., Instructor in Mechanics, 1948. B.S. 1948, Duke University.

JAMES, R. E., Instructor in Mechanics, 1947. B.S. 1942, M.S. 1948, Oklahoma.

RIGO, H. S., Instructor in Mechanics, 1948. B.S. 1947, Ohio University.

SCHAEFER, R. A., Instructor in Mechanics, 1947. B.S. in E.E. 1947, Missouri School of Mines.

SPEECE, W. E., Instructor in Mechanics, 1947. B.S. 1947, Cornell.



Hardebeck
James
Jahnke
Schaefer

Rigo
Davidson
Breuer
Earls

Davis
Speece
Costakos
Hofstaedter



"That can't be right."



OLIVER R. GRAWE
Department Chairman
Professor of Geology, 1928, 1946.
A.B. 1922, M.S. 1924, Washington; Ph.D. 1927, Iowa.

The Geology and Mineralogy Department is located on the second floor of Norwood Hall. This department provides the necessary subjects to aid in the completion of the Metallurgy, Mining, and Ceramic curricula. One of the features that is provided by the department is a very complete and outstanding mineral collection which is displayed on the second floor of Norwood Hall. In the geology and mineralogy courses practical applications that will thoroughly train the student for a career in the geology field are stressed.

Dr. O. R. Grawe, who is chairman of the department, began at M.S.M. in 1928. When time permits, Dr. Grawe does consulting work and occasionally he spends his leisure moments along the lines of photography. The sophomores meet R. E. Basile and F. Woodward when they take Descriptive Mineralogy and Blowpipe Analysis.



What's the cleavage?

Mineralogy Department

BASILE, R. E., Instructor in Geology, 1947. B.A. 1943, Washington and Lee.

FRIZZELL, D. L., Associate Professor of Geology, 1948. B.S. 1930, M.S. 1931, University of Washington; Ph.D. 1936, Stanford.

LARSON, E. R., Assistant Professor of Geology, 1947. B.A. 1942, M.A. 1947, Columbia.

MORGAN, R. E., Associate Professor of Econ. Geology, 1948. B.S. 1936, M.S. 1941, University of Minnesota.

NACKOWSKI, M. P., Instructor in Geology, 1947. A.B. Geology, 1941, California.

THUNE, H. W., Instructor in Geology, 1947. B.S. 1939, College of Puget Sound; M.S. 1941, Idaho.

WOODWARD, T., Instructor in Geology, 1948. A.B. 1941, Harvard.



Woodward
Nackowski

Morgan
Frizzell



Lithology.



Lower away.

M. S. M. Military



CHESTER K. HARDING
Department Chairman
Professor of Military Science and Tactics, 1947.
B.S. 1918, United States Military Academy.

The largest class ever assembled on the M.S.M. campus meets each Wednesday morning, weather permitting, for drill. This class consists of first and second year basic R.O.T.C. students under the direction of cadet officers of the advanced R.O.T.C. unit, and supervised by the army personnel stationed here. Cadet Colonel for the fall semester of 1948 was James R. Hunt. The battalion was larger this year than ever before in its history, having over four hundred men in its ranks.

The Missouri School of Mines, a land grant college, is under the provisions of the Morrill Act, which requires four semesters of basic military training for all non-veteran students. A four semester course in advanced R.O.T.C. is offered to those interested after completion of the basic course. The advanced students receive a monthly subsistence allowance from the federal government and upon completion of the course, they are qualified to receive the commission of Second Lieutenant in the Officers Reserve Corps.

Since 1873, when the organization's activities began, the unit has instructed men in the principles of leadership, drill, and command; hygiene and first aid; bridge and road construction; and combat intelligence.

Colonel C. K. Harding heads a staff of officers and enlisted personnel whose experiences have been interesting and varied. These men are well qualified to teach the various phases of military training. Assistant Professor of M.S.&T., Captain C. M. Messall, who has just completed his first year here, assists Colonel



Capt. Messall



Lt. Bloom

WISMER, R. J., Lt. Colonel, Corps of Engineers, Army of the United States, Assistant Professor of Military Science and Tactics. B.S. in C.E.

MESSALL, C. M., Captain, Corps of Engineers, Army of the United States, Assistant Professor of Military Science and Tactics. B.S. in C.E.

BLOOM, E. C., First Lieutenant, Corps of Engineers, Army of the United States, Instructor of Military Science and Tactics. B.S. in Ed.

DRAGOTIS, B. A., Master Sergeant, Army of the United States.

WHITE, L. L., Master Sergeant, Army of the United States.

EDWARDS, G. R., Sergeant First Class, Army of the United States.

WHITNEY, G. G., Sergeant First Class, Army of the United States.

Department

Harding in training the advanced men. Lt. Bloom, who also instructs advanced students, still rates the field manual above the knowledge of his students. Sgt. Leo White, well known for his uncanny memory, is an instructor in the basic courses. Sgt. B. A. Dragotis handles the unit's administrative problems with his usual calm efficiency. Sgt. G. R. Edwards issues the uniforms which adorn the battalion each Wednesday. A new man on the staff is Lt. Col. R. J. Wismer, who came here in January after being stationed overseas. Sgt. B. B. Gregory left M.S.M. at mid-term of the fall semester for active duty. He was replaced at that time by Sgt. G. G. Whitney.

Colonel C. K. Harding, Professor of Military Science and Tactics, has led the Military Department since 1947. Colonel Harding, whose military experiences are very comprehensive, graduated from the United States Military Academy in 1918. During the time he has been here at M.S.M., the department has expanded and advanced considerably. One of the most outstanding achievements made was the construction of a building containing adequate facilities for the department's activities.



The profile.

Army life.

Army "Chair" Corp.



M-1 experts.

S. A. M. E.



THIRD ROW: Monroe, Johnston, Bollwerk, Callahan, Kuhlman, Hunt, Peterson, Marting, Bach, Montgomery, Propst. SECOND ROW: Krause, Spanier, Palubiak, Wolfram, Hart, Acheson, Tindall. FIRST ROW: Graves, Warren, Liebsch.



S.A.M.E. Officers.

The Society of American Military Engineers was founded in 1920, its membership consisting of past and present holders of commissions in the technical branches of the American Armed Forces. It was created in the interest of national defense to advance the science of Military Engineering.

Members of the M.S.M. post are, for the most part, advanced R.O.T.C. students. The annual Military Ball, second only to St. Pat's among M.S.M. social events, is sponsored by this organization.

OFFICERS

President.....	Ralph E. Wolfram
Vice President.....	Charles Palubiak
Treasurer.....	Francis H. Hart
Secretary.....	James R. Hunt

M. S. M. Counseling Service

The M.S.M. Counseling Service is an organization designed to aid the individual in understanding where his vocational strengths and weaknesses lie. The Counseling Service, encouraging all students to approach their choices of vocations systematically, assists the student by providing various kinds of tests to cover their individual problems.

The Counseling Service is available to all persons attending M.S.M. A permanent record is carried on each student using the services available and he will be welcome to return to the Counseling Service as often as he wishes.

An occupational library is maintained which contains information concerning most of the major fields of work. The Counseling Service is located in Room 10, Parker Hall.



JAMES R. POLLARD
Director of Counseling Service

Veterans Guidance Center

The Veterans Administration Guidance Center was opened in Parker Hall on the M.S.M. campus on January 28, 1946. The purpose of opening Guidance Centers, here and in other areas where a large number of veterans are in training, is to decentralize the work of the Regional Offices and to give quicker service to

the veterans and the training institutions.

Most of the time of the Veterans Administration personnel is now taken up supervising the disabled veterans. Work formerly done in registration and supervision of Public Law 346 trainees is now cared for by M.S.M. officials.



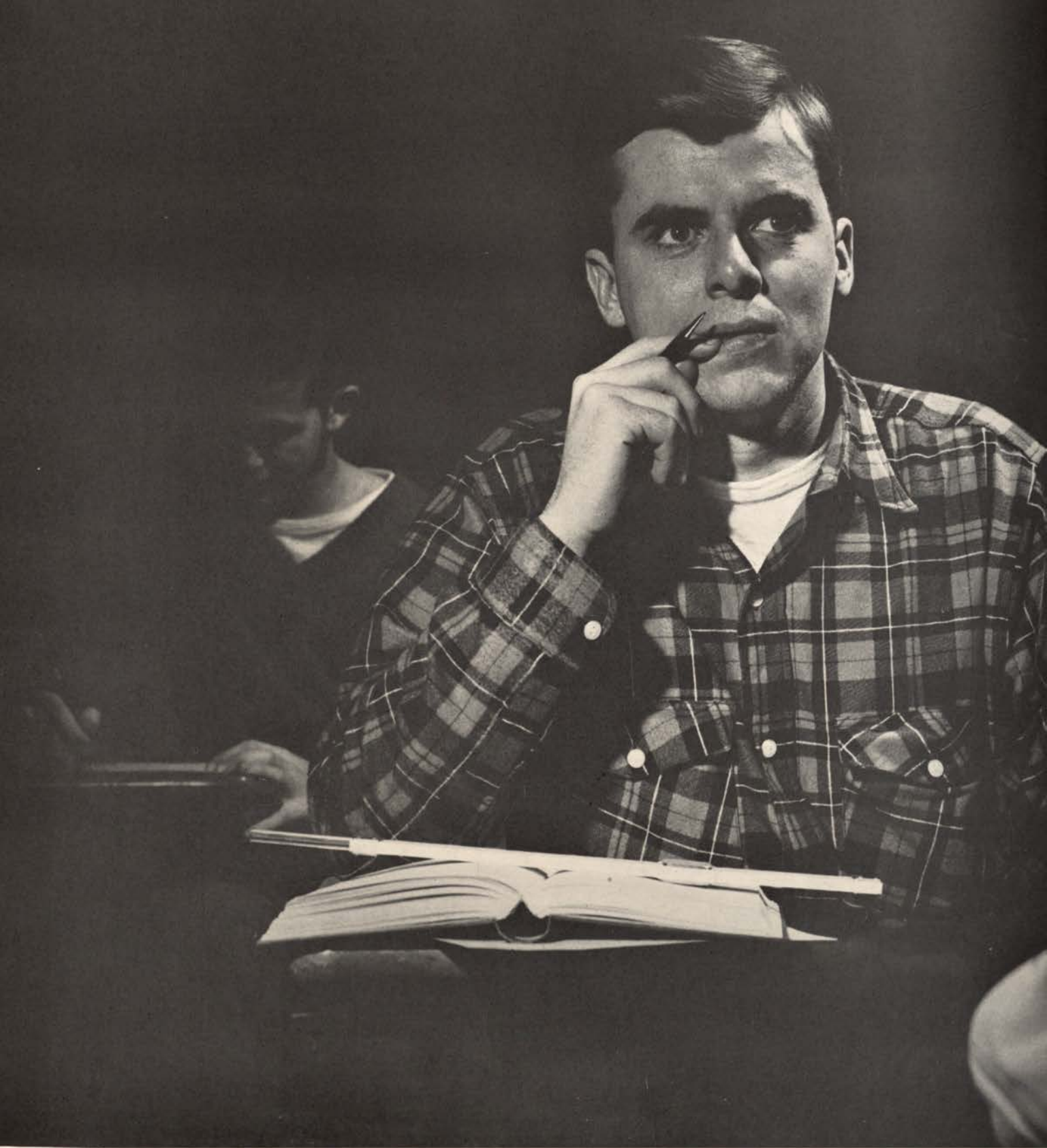
GEORGE D. TATE
Training Specialist



GEORGE W. FARRAR
Chief of the Guidance Center

The territory from which veterans come for counseling consists of twelve South Central Missouri counties. Personnel from this office supervises the training of veterans under Public Law 16 in schools and "On the Job" in seven counties also.

This office attempts to help anyone concerned with Veterans Administration regulations on entitlements by giving rulings and assistance, or in directing the veterans to those who can provide assistance. The Guidance Center has been very successful here at M.S.M. under the leadership of Mr. G. W. Farrar.



SENIORS AND UNDERC



The student body has held high the traditions, character, and spirit of the MINERS. As the largest senior class in history steps forth in the field of engineering, the juniors, sophomores, and freshmen look forward to their commencement. The growth of M. S. M. in paralleling the demands of industry this year reached a peak enrollment of 2700 students.



LASSMEN

Senior Class of Forty-Nine

Abbott, John Martin.....E. E.....Kansas City, Mo.
Baptist Student Union '48-'49. Student Assistant Drawing Department. Transfer University of Michigan.

Aegerter, Paul A.....C. E.....St. Louis, Mo.
"M" Club. ASCE. ARBA. Swimming Team '47-'48-'49.

Agnew, Lewis E., Jr.....Physics.....Kirkwood, Mo.
Engineers Club '48-'49. Independents '46-'49. Tau Beta Pi '48-'49. Cataloger '48-'49. Phi Kappa Phi Book Plate '46-'47. Honor List '46-'47-'48. Physics Ferreters. President '48-'49.

Allan, Charles W.....Min. E.....Redwood Falls, Minn.
Technicians Club '48-'49. Honor List '46-'47-'48.

Allbaugh, Don N.....Min. Pet.....Richmond Hgts., Mo.
Lambda Chi Alpha. Missouri Academy of Science. Glee Club. ROTC Band. Inter-Fraternity Council. Treasurer Junior Class.

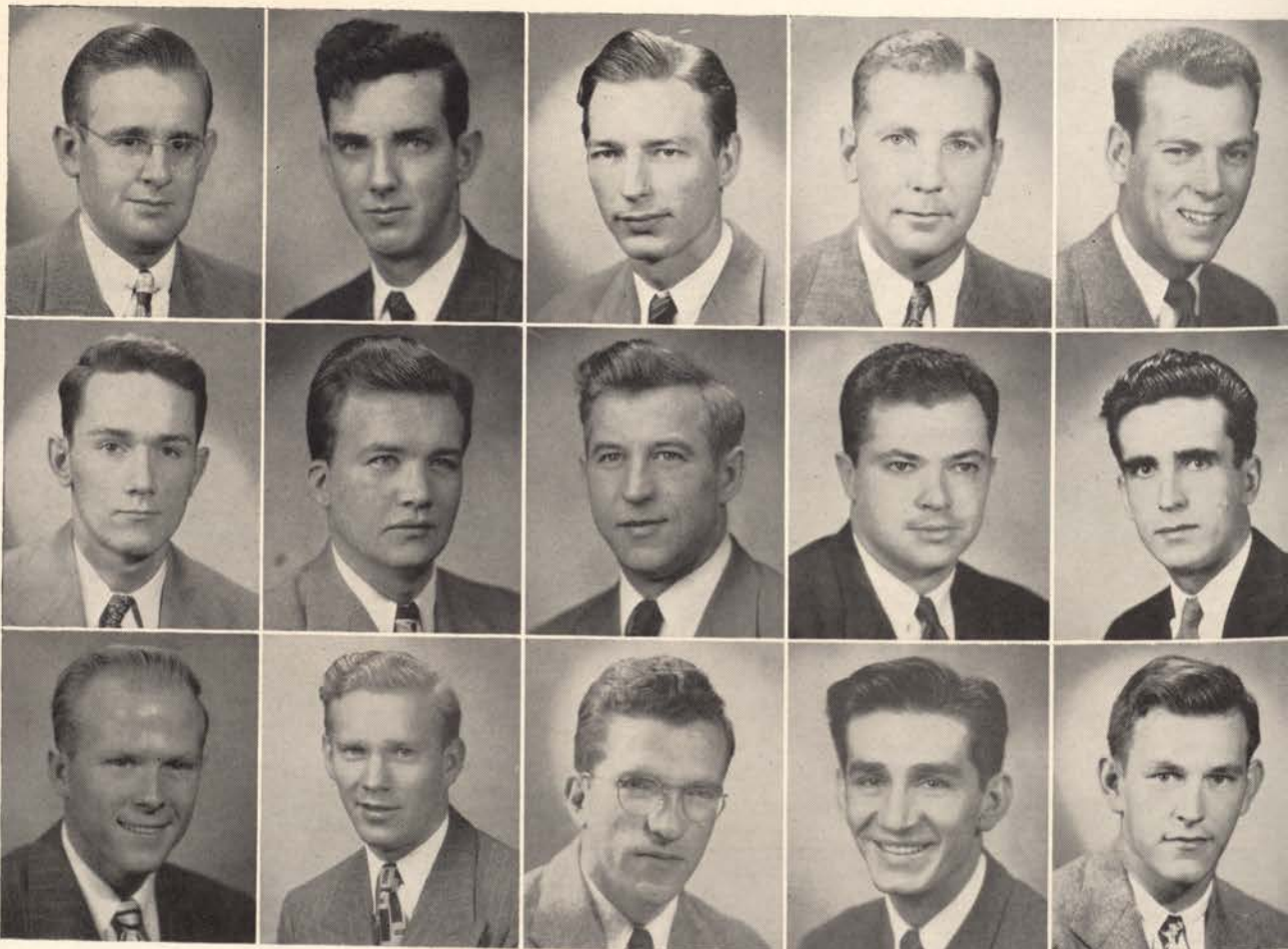
Allen, James Byers.....E. E.....Mount Dora, Fla.
AIEE '48. Student Assistant E. E. Department '48-'49. Honor List '46-'47-'48.

Anders, Robert B.....Geol.....Kansas City, Mo.
AIME. Transfer George Peperdine College, Los Angeles, Calif.

Anderson, Douglas.....C. E.....Caldwell, Idaho
ASCE '48-'49. Honor List '47-'48. Transfer College of Idaho.

Anderson, George McCrae.....Min. E.....Muskogee, Okla
Kappa Alpha President '46-'47. Treasurer '47. No. VII '47 '48. Theta Tau '48-'49. AIME '48-'49. Vice-President Sophomore Class '46-'47.

Anderson, Harvey Arthur.....Met. E.....Weston Springs, Ill.
ASM '47-'48-'49. Honor List '47-'48. Transfer University of Virginia. AIME.



Allen, C.
Anderson, H.
Ashley

Allen, J.
Anderson, L.
Atkisson

Anders
Annear
AuBuchon

Anderson, D.
Applegate
Aybat

Anderson, G.
Arnold
Ayers



SENIORS ENTERING IN FEBRUARY

Browell, G.....Cuba City, Wisc.
Farrey, H.....Benton, Wisc.
Hannan, W.....Livingston, Wisc.
Miller, P.....Madison, Wisc.
Recob, D.....Platterville, Wisc.
Reynolds, E.....Hollandale, Wisc.
Stanelle, E.....Manitowac, Wisc.
Weber, M.....Two Rivers, Wisc.

SENIOR CLASS OFFICERS

President.....Joe Crites
Vice-President.....Bill Wundrack
Secretary.....John Gosen
Treasurer.....Jack Foster

Anderson, Lennart Cleff.....M. E.....San Pedro, Calif.
Transfer Illinois Institute of Technology and Grinnell College.

Annear, Richard C.....Min. E.....Negaunee, Mich.
AIME. Transfer Wisconsin Institute of Technology.

Applegate, Albert Vernon.....Min. E.....Atlanta, Ill.
Student Assistant Mining Department. Phi Kappa Phi '48-
'49. Honor List '48.

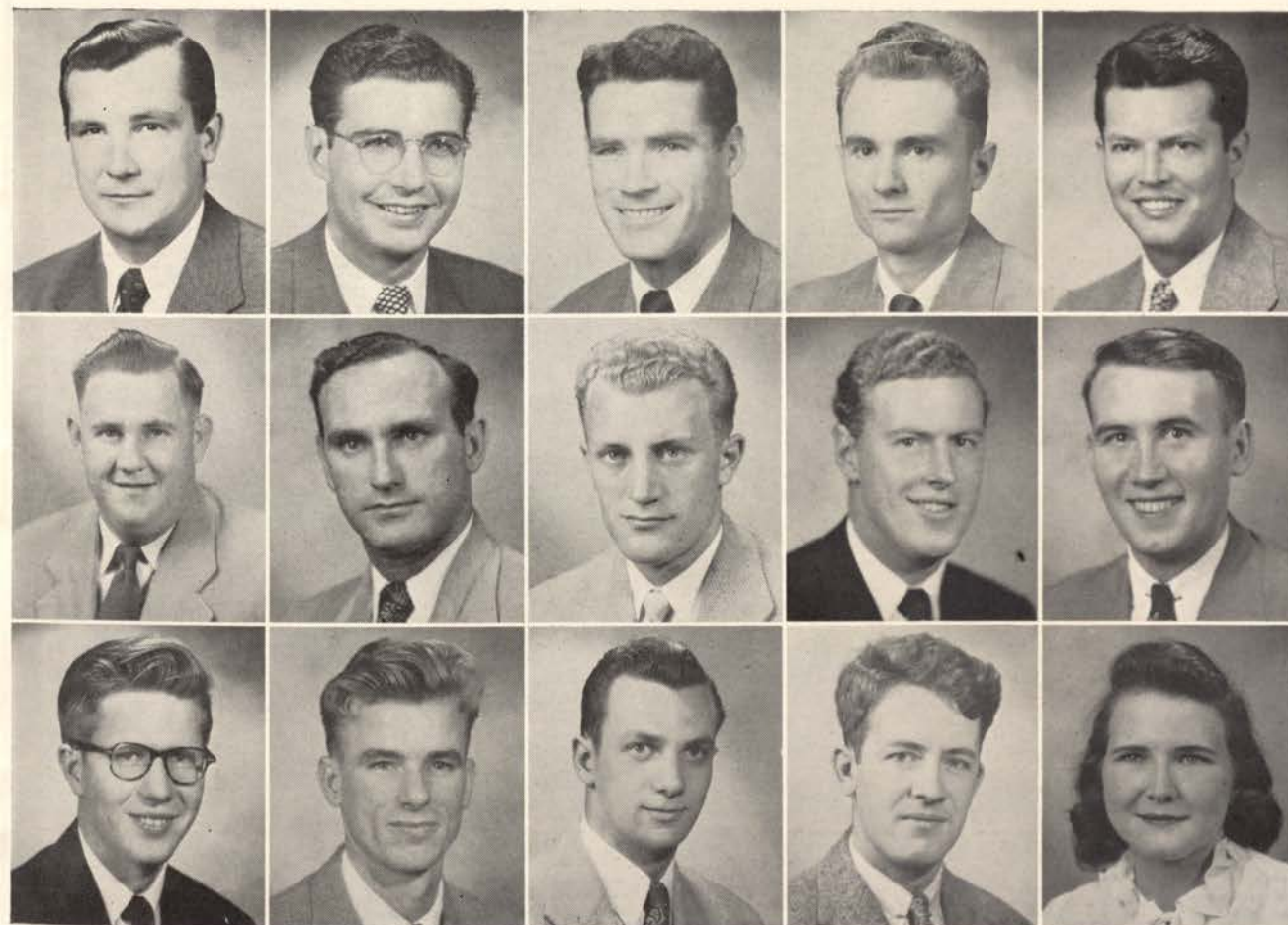
Arenberg, Sheldon L.....Physics.....Chicago, Ill.
Transfer Purdue University. Physics Ferreters.

Arnoldi, Richard Leonard.....Min.-Pet.....Gillespie, Ill.
Student Assistant Chemical Department '47-'48. Honor List
'46.

Ashley, John Elam.....Met. E.....Stuart, Fla.
Kappa Sigma '47-'48. Grandmaster of Ceremonies '48. Swimming
Team '47-'48. Transfer Mercer University and Georgia
Tech.



Piker's Prophecy.



Babbitt
Bates
Bennett, C.

Ballmann
Bauer
Bennett, W.

Banfield
Bauman
Bever

Barkley
Bay
Bieber

Bern
Bell
Birch

Atkisson, Donald W.....M. E.....Aurora, Mo.
Independents. Engineers Club. ASME.

AuBuchon, Edward L.....Met. E.....Bonne Terre, Mo.
Engineers Club. ASM. AIME. President '48-'49. Music
Club. Glee Club '45-'46. Miner Board '46-'49. Feature Edi-
tor '46. Managing Editor '47-'48.

Aybat, Sahop Sakip.....Min. E.....Turгутlu, Turkey
Engineers Club '46-'47-'48. Student Assistant Mining Depart-
ment '47-'48.

Axson, Ralph C.....M. E.....Kansas City, Mo.
ASME. Tennis Club '48-'49. Transfer California University
at Berkeley.

Ayers, Oscar S.....M. E.....St. Louis, Mo.

Babbitt, Jack R.....M. E.....St. Louis, Mo.
ASME '47-'48. Vice-Chairman '48-'49. Student Assistant
Drawing Department '47-'48-'49. Student Council '48-'49. Tau
Kappa Epsilon '48. Theta Tau '48-'49. Honor List '46-'47-'48.

Baily, Walter E., Jr.....Min.-Pet.....Harrison, N. Y.
Engineers Club. Independents '46-'47-'48. St. Pat's Board
'47-'48. President '48. AIME '48. Student Council '46-'47.
Transfer Michigan State College '43-'44. St. Pat's Board of
Control '48.

Ballmann, Richard B.....Met. E.....Ft. Thomas, Ky.
Kappa Alpha. Pledge Master. Vice-President. Honor List
'47-'48. ASM. AFS. AIMME. Glee Club. Student Council
'47-'48. Transfer University of Kentucky.

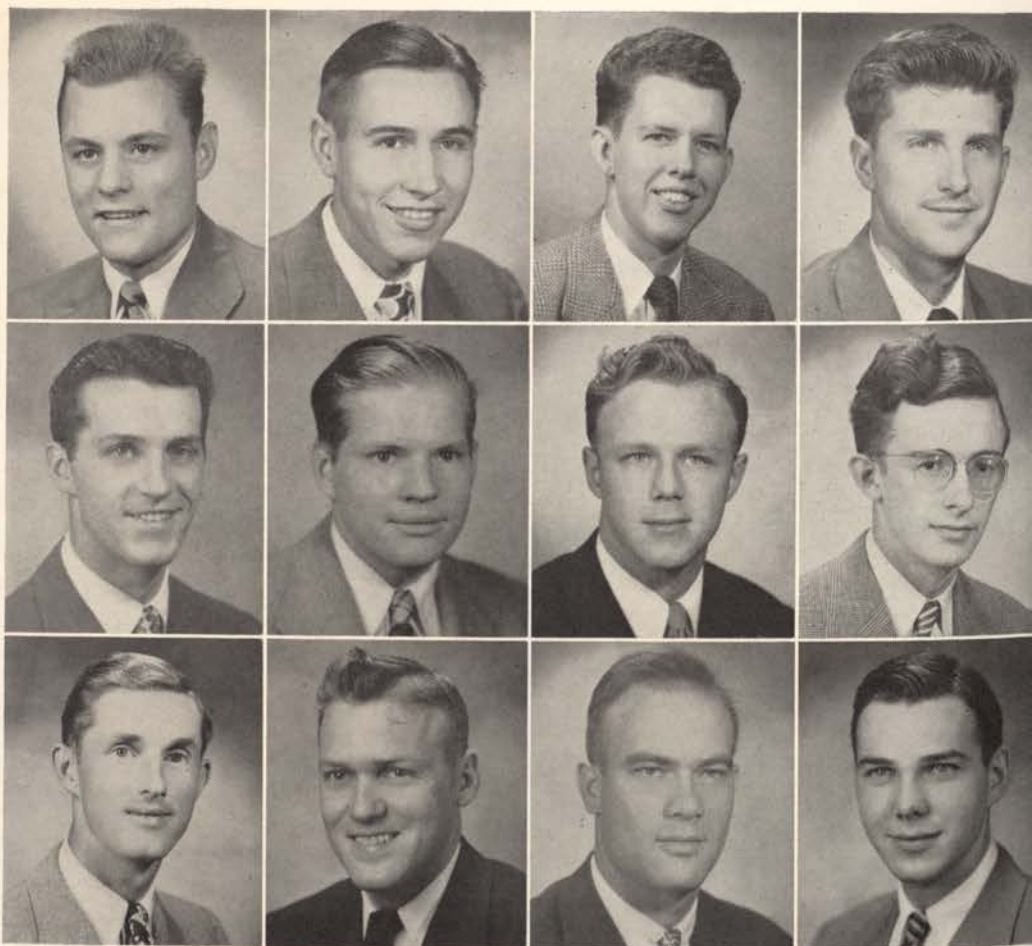
Banfield, Thomas J.....Met. E.....South Amboy, N. J.
Chi Sigma. President. Vice-President. ASM. Inter-Fraternity
Council. Treasurer Freshman Class '46-'47.

Banks, Hampden O.....Sci.-Chem.....Rolla, Mo.
Fencing Club. Secretary-Treasurer '46-'47. Alpha Chi Sigma
'47-'48-'49. Student Assistant Library '47-'48. Chemistry De-
partment '48-'49. Honor List '46-'47. Transfer Michigan State
Normal.



Where's Virginia??

Barkley, James Edwin.....C. E.....Lucerne, Mo.
Engineers Club '43-'44. Independents '48-'49. Honor List '48.
ASCE '47-'48-'49. ARBA '49.
Barnes, Chester Dwight.....C. E.....Sedalia, Mo.
Shamrock Club '43. Independent Board of Control '43. Sigma
Nu '45-'46-'47-'48. Student Assistant Civil Department '48-'49.
Transfer Iowa State College.
Barr, Norman Eldon.....Cer. E.....Boise, Idaho
ACS '48-'49. Transfer Joplin Junior College.
Barrett, Marlin William.....M. E.....Rolla, Mo.
ASME '48-'49. Honor List '46-'47-'48.
Bates, Loren Kenneth.....M. E.....Rolla, Mo.
Bauer, John Anthony.....M. E.....St. Louis, Mo.
Engineers Club '47-'48-'49. Student Assistant M. E. Depart-
ment '48-'49. ASME '48-'49. Jackling Terrace Council. Sec-
retary '48. Honor List '47-'48. Transfer Harris Teachers
College.



Blankenmeister
Booth
Bowen

Blankenship
Bopp
Bowling

Bockstruck
Bottermuller
Boyer

Boeckmen
Boutin
Bradford



Philatelists.

Bauman, Harry C.....Min. E.....Suffern, N. Y.
Honor List '46-'47. AIME. Transfer Norwich University.
Bay, Robert D.....C. E.....St. Louis, Mo.
Kappa Sigma. Treasurer. Inner Guard. House Manager.
ASCE. American Academy of Science. American Road
Builders Association. Football '47. Baptist Student Union.
Treasurer Sophomore Class '44.
Beach, Lester C.....E. E.....Leonard, Mo.
Honor List '47-'48. AIEE. Baptist Student Union. Transfer
University of Kansas City.
Bell, James Edgar.....M. E.....Rolla, Mo.
Transfer Northwest Missouri State Teachers College.
Bennett, Charles William.....M. E.....University City, Mo.
Sigma Nu. Recorder '45. Tau Beta Pi '47-'48. Phi Kappa
Phi '48. Honor List '44-'45-'48. Phi Kappa Phi Bookplate
'45. Blue Key Award. Alpha Phi Omega First Vice President
'44. President '45. Theta Tau. Corresponding Secretary '45.
ASME. President '45-'46. Vice-President '44. Glee Club '44-

Senior Class of Forty-Nine

'45. Student Council '45. Miner Board. Editor-in-Chief '44-'45-'46. Managing Editor '48. Wesley Foundation. Advertising Council '45-'46. James Scholarship '44. Student Assistant Physical Education Department '45. Rollamo-Miner Board of Control '45-'46.

Bennett, William Finn.....E. E.....Rolla, Mo.
AIEE. Miner Board '47-'48. Managing Editor '48-'49. Transfer St. Louis University.

Berry, Jerome T.....C. E.....Akron, Ohio
Campus Vets Association '46-'47. Special Service Officer. Treasurer "M" Club '46-'47-'48-'49. ASCE. Football '46. Track '46. Stamp Club '48-'49. Photo Club '47. SAME '46-'47. Miner Board. Sports Editor '47-'48. Transfer University of Akron. Athletic Publicity Director '46-'47-'48.

Bever, Raymond H.....M. E.....Cairo, Ill.
Alpha Lambda Tau. Honor List. ASME. Transfer Mercer University, Bucknell University, Rochester University.

Boaz, Robert V.....C. E.....Joplin, Mo.
Honor List '47-'48. Alpha Phi Omega. ASCE. ARBA. Miner Board. Baptist Student Union. Transfer Joplin Junior College.

Bockstruck, Herman N.....Chem. E.....Alton, Ill.
Tau Beta Pi '48-'49. Phi Kappa Phi '48-'49. Honor List '47-'48. Alpha Chi Sigma '49. AICHE '48-'49. Transfer Shurtleff College.

Boeckman, George O.....C. E.....Rolla, Mo.
Student Assistant C. E. Department '46-'47. Honor List '45-'46-'48. Transfer Rockhurst.

Boos, Guy Hillis.....E. E.-M. E.....Golconda, Ill.
Honor List '47-'48.

Booth, Robert Cloud.....Chem. E.....Springfield, Mo.
Honor List '47-'48. Alpha Chi Sigma '47-'48. AICHE '47-'48-'49. Student Assistant Chemistry Department '48-'49. Alpha Chi Sigma Master Alchemist '48-'49. Tau Beta Pi '48-'49. Transfer Southwest Missouri Teachers College.



Brasel
Brice
Buel

Brehe
Brecker
Burke

Breitwieser
Bridegroom
Campbell

Breton
Brown
Cantwell

Breuer
Browningard
Carey

Brewer
Buell
Carlson

Bieber, Philip Frank.....C. E.....St. Louis, Mo.
Student Assistant C. E. Department '48. Honor List '47-'48. Transfer St. Louis University.

Birch, (Mrs.) Bettjeanne.....Sci.-Geol.....Rolla, Mo.
Phi Kappa Phi '48. Tau Beta Pi '48. Music Club. Secretary '48. Transfer Cornell College.

Bishop, Harry S.....Sci.-Geol.....Rolla, Mo.
Student Assistant M. E. Department '48-'49. Honor List '45-'46. Phi Kappa Phi Bookplate '46.

Bissell, James J.....M. E.....St. Louis, Mo.
Kappa Sigma '44-'45-'46-'47. ASME '47-'48-'49.

Blankenmeister, Erwin.....E. E.....St. Louis, Mo.
Kappa Alpha. Honor List. AIEE. Transfer Washington University.

Blankenship, James David.....E. E.....Macon, Mo.
AIEE '48. Honor List '47-'48. Transfer Kirksville Navy Radio Technical Training.

Bopp, Robert Frederick.....M. E.....Kirkwood, Mo.
Engineers Club. ASME. Transfer Washington University.

Bottermuller, Charles A.....C. E.....Warrenton, Mo.
Honor List '46-'47. Sigma Nu '47-'48-'49. ROTC Band '44-'45. ROTC Cadet Corps '45. ASCE '48-'49.

Boutin, Charles Russell.....C. E.....Cape Girardeau, Mo.
Honor List '46-'47-'48. Transfer Southeast Missouri State Teachers College.

Bowen, Jesse W., Jr.....E. E.....Springfield, Mo.
Tau Beta Pi '48. Phi Kappa Phi '48. Kappa Mu Epsilon '47. Honor List '47-'48. AIEE '48. Transfer Southwest Missouri State College.

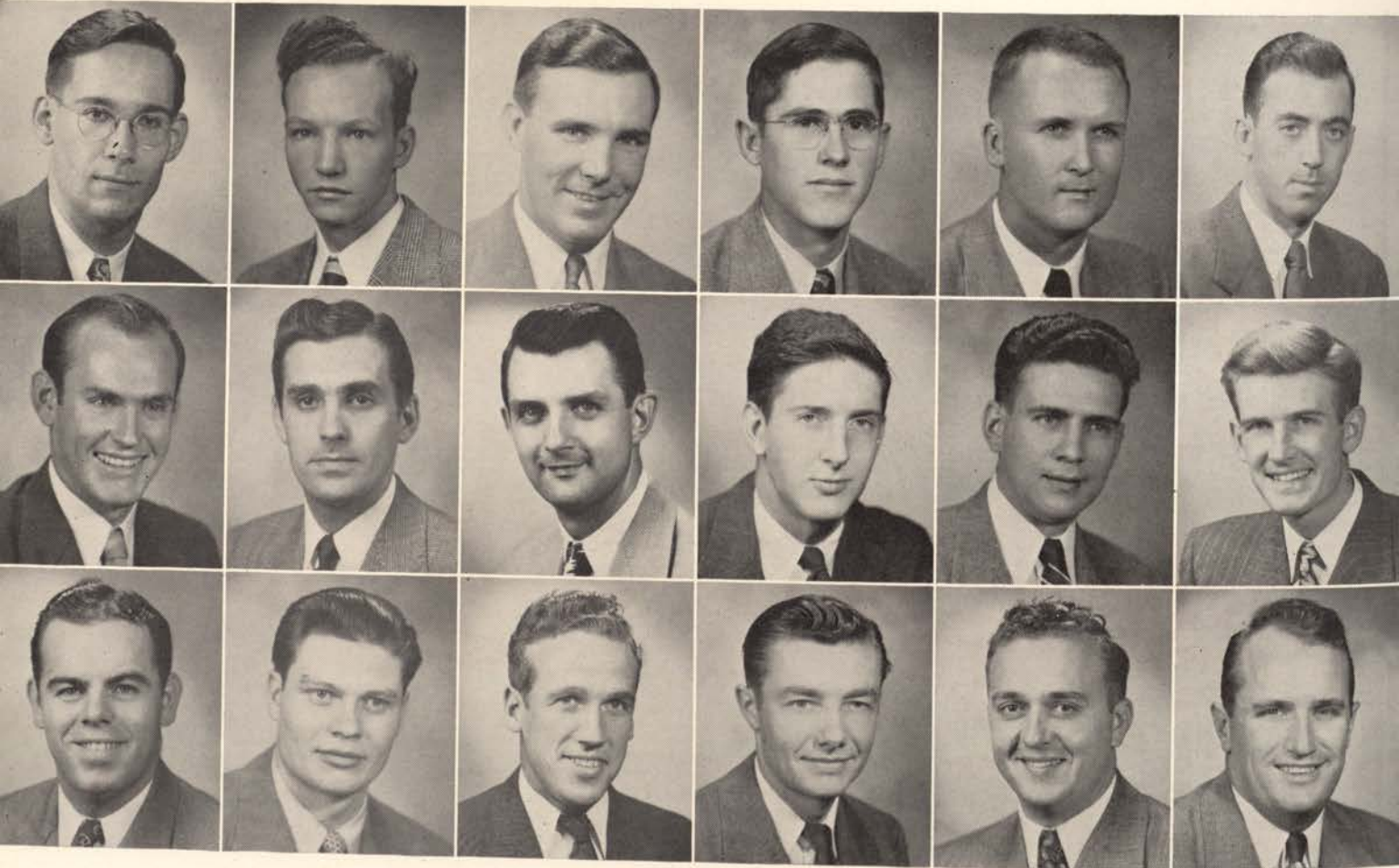
Bowling, Charles Phoenix.....C. E.....Alton, Mo.
ASCE '48-'49. American Road Builders Association '48-'49.

Boyer, Marion Daniel.....M. E.....Shelbins, Mo.
Alpha Lambda Tau Pledge '40. Track '40. ASME '47-'48.

Senior Class of Forty-Nine

Bradford, Samuel A.....Sci.....Buffalo, N. Y.
Honor List '46-'47. Transfer Peru State Teachers College.
Brady, Stanley B.....Met. E.....Rolla, Mo.
ASM. Transfer East Central State College.
Brasel, David Franklin.....Chem. E.....Rolla, Mo.
Honor List '45-'46-'47-'48. AICChE.
Braun, Edward George.....M. E.....Rochester, N. Y.
ASME. Transfer Rochester Institute of Technology, Niagara
University.
Breckner, Chester N.....E. E.....Rolla, Mo.
Honor List '48. AIEE. Transfer Southwest Missouri State
Teachers College.
Breeze, Francis V.....M. E.....Centraita, Ill.
Honor List. Blue Key. ASME. Basketball '47-'48. Transfer
University of Minnesota, Centraita Township Junior College.

Brice, Frank L.....Chem. E.....Alton, Ill.
Theta Kappa Phi. Alpha Chi Sigma. AICChE.
Bridgroom, Kenneth E.....M. E.....St. Louis, Mo.
Honor List '46-'47-'48. ASME. Transfer Harris Junior College.
Brown, Stuart S.....Chem. E.....Springfield, Ill.
Tau Beta Pi. Alpha Phi Omega. Treasurer. President.
AICChE. Transfer Springfield Junior College.
Browngard, Billy Rex.....E. E.....Hannibal, Mo.
Kappa Alpha. Inter-Fraternity Council Alternate '48-'49.
Transfer Hannibal LaGrange.
Buel, Robert W.....Met. E.....Washington, Mo.
Theta Kappa Phi Steward. Executive Council. Theta Tau.
AIME. ASM. Student Council. Miner Board Associate Edi-
tor '47-'48. Editor '48-'49. Special Lectures Committee.
Buell, Floyd O.....M. E.....Dodge City, Kans.
ASME.



Carman Carter Chew	Carney, D. Carthew Clooney	Carney, W. Casper Coffer	Carpenter Castleberry Cole	Carroll, P. Chambers Coleman	Carroll, J. Chapman Collier
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Brehe, Harold Conrad.....E. E.....St. Louis, Mo.
Triangle. President '48. Steward '48. Corresponding Secretary '48. Engineers Club '43. Phi Kappa Phi Bookplate '46-'47. Honor List '46-'47-'48. Blue Key '48-'49. Secretary Freshman Class '43-'44. Treasurer Sophomore Class '46-'47. St. Pat's Board '46-'47. President '47. St. Pat. '47.
Breitwieser, Robert H.....Cer. E.....East St. Louis, Ill.
Tau Beta Pi. Keramos. Secretary. American Ceramics Society. Transfer Belleville Junior College.
Breton, Ernest J.....Met. E.....Rolla, Mo.
Alpha Tau Omega. Tau Beta Pi. Phi Kappa Phi. AS&R Scholarship. ASM. AIME. Great Books Club. Transfer Alabama Polytechnic Institute.
Breuer, Coy L.....C. E.....St. James, Mo.
ASCE. ARBA. Photo Club '46. Rollamo Board '48-'49. Rollamo Staff Photographer '48-'49. Miner Board '49.
Brewer, Harold Joseph.....M. E.....St. Louis, Mo.

Bullock, Rupert E.....C. E.....Bloomfield, Ia.
Chi Sigma Secretary '47. Business Manager '48. Tau Beta Pi. Phi Kappa Phi. Phi Kappa Phi Bookplate. Honor List. ASCE '47-'48-'49. Vice-President Freshman Class '46-'47.
Bumpus, Frank James.....E. E.....Buffalo, N. Y.
AIEE. Transfer University of Buffalo.
Burke, Thomas Joseph.....Met. E.....Rolla, Mo.
ASM. Student Assistant Metallurgical Department. Transfer Harris Junior College.
Burris, Chester H.....E. E.....St. Clair, Mo.
James Scholarship Award '47.
Cage, Robert M.....Met. E.....Tipton, Ind.
AFS. Transfer Indiana University.
Calton, Marion Roy.....Met. E.....Verona, Mo.
Honor List '46-'47-'48. ROTC Band '47.
Campbell, Earl Donald.....M. E.....St. Louis, Mo.
Alpha Phi Omega Pledge '48-'49.



Del's grade-point machine.



Teke's Big Wheel.



Colleir
Comstock
Coplen

Collins
Cook
Corrie

Comerer
Coolidge
Cox

Commerford
Copeland
Cullom

Cantwell, Laurence Wade.....C. E.....Bucklin, Mo.
Carey, Don William.....Min. E.....Platteville, Wisc.
Carlson, Dale T.....Min.-Geol.....Walnut, Ill.
Kappa Alpha Order. AIME. Student Council.
Carman, Herbert Stanley.....M. E.....Queens Village, N. Y.
ASME. Transfer Norwich University.
Carney, Donald F.....Chem. E.....Licking, Mo.
Alpha Chi Sigma. AICHe.
Carney, William D.....C. E.....Rolla, Mo.
Tau Beta Pi '48. Phi Kappa Phi '48. Phi Kappa Phi Book-
plate '48. Honor List '46-'47-'48. ASCE '47-'49. President
'48-'49. ARBA '49.
Carpenter, Gordon Lee.....M. E.....West Plains, Mo.
Engineers Club '45-'46-'47-'48. Independents '45-'46-'47-'48.
ASME. '45-'46-'47-'48. Stamp Club '48. Rifle Club '46-'47-
'48. Photo Club Secretary-Treasurer '48.

Carroll, John Thomas.....M. E.....St. Louis, Mo.
Technicians Club Board of Control. Engineers Club. '47-'48.
Independents '42-'47. Tau Beta Pi '48. Phi Kappa Phi '48.
Honor List. ASME '48.
Carroll, Paul Francis.....Min.-Geol.....Breckton, Mass.
Theta Kappa Phi Sergeant-at-Arms '46. ROTC Second Lieu-
tenant '47-'48.
Carter, Ward J.....E. E.....Hiltons, Va.
AIEE '47-'48.
Carter, William Dale.....Chem. E.....Hiltons, Va.
Alpha Chi Sigma. AICHe. Transfer Berea College.
Carthew, George T.....Min. E.....Platteville, Wisc.
AIME. Transfer Wisconsin Institute of Technology.
Carty, Wayne Alfred.....E. E.....Rolla, Mo.
Casper, Vernon O.....E. E.....Lynbrook, N. Y.
Tau Kappa Epsilon. AIEE '46-'49. Missouri Academy of
Science '46. Rifle Club '46-'49. Stamp Club '48-'49. Mosamo
'47-'49. CVA '46-'47. Gamma Delta '46-'49.

Senior Class of Forty-Nine

Castleberry, Douglas.....Min. E.....Gainesville, Ga.
Kappa Alpha Treasurer '47-'48. Secretary '48-'49. AIME
Treasurer '48-'49. Student Council '47-'48. Transfer Univer-
sity of the South.

Chambers, Frank Thomas.....C. E.....Rolla, Mo.
Engineers Club '46-'47. ASCE '47. Student Assistant C. E.
Department '48. Honor List '48.

Chapman, Vernon A.....Chem. E.....Cape Girardeau, Mo.
Alpha Chi Sigma '48-'49. Sigma Pi. AICHe '48-'49. Trans-
fer Southeast Missouri State College.

Chew, William Russell.....E. E.....Godfrey, Ill.
Football '48-'49. "M" Club '48-'49. Transfer Drexel Tech,
Colorado State, Shurtleff College.

Choate, Robert L.....E. E.....Metropolis, Ill.
AIEE '48. Student Assistant Library '48-'49. Honor List '46-
'47-'48.

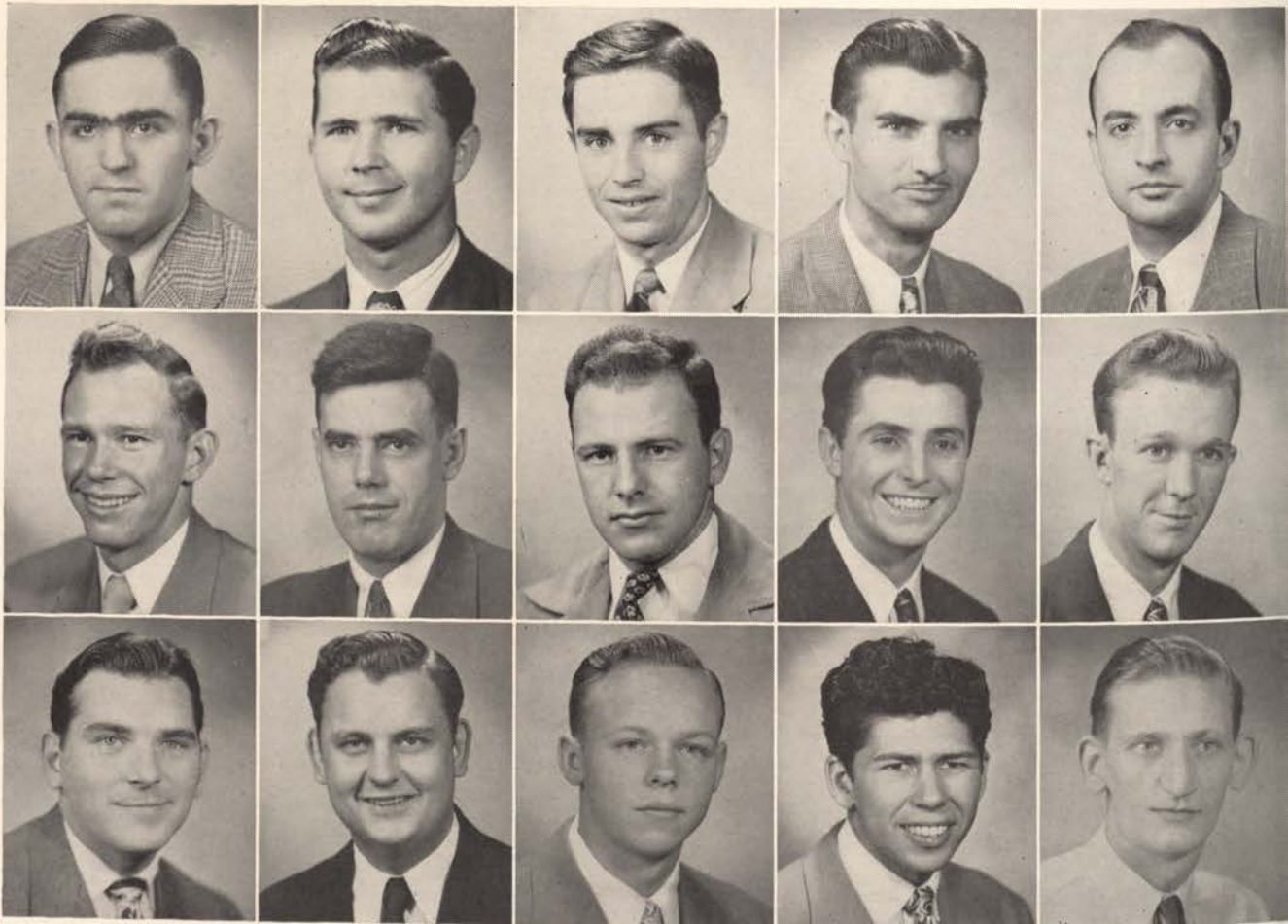
Clifton, James G.....M. E.....St. Louis, Mo.
Engineers Club. Alpha Phi Omega. ASME.

Clooney, Joseph R., Jr.....M. E.....St. Louis, Mo.
Kappa Sigma.

Cody, Fred Morrison.....Min.-Bet.....Richmond Hgts., Mo.
ROTC Staff Sergeant '47. Second Lieutenant '48. Captain
'48-'49.

Coffer, Harold Roy.....Chem. E.....Camden, Mo.
Missouri Academy of Science '46. Engineers Club '46-'47-
'48-'49. Student Assistant Chemistry Department '47-'48-'49.
AICHe '47-'48-'49. Independents '47-'48. Tau Beta Pi '48-'49.
Honor List '45-'46-'47-'48. Phi Kappa Phi Bookplate '46. Phi
Kappa Phi '48-'49.

Cole, Robert LeRoy.....M. E.....San Marcos, Calif.
ASME '48-'49.



Curtis
Crossman
Daniels

Crawford
Crutchfield
Danz

Crites
Crump
Danzer

Cromer
Dalpini
Daste

Cronk
Daly
Davidson, G.

Coleman, Elbert H.....E. E.-Met.....Rolla, Mo.
AIEE '48. Transfer Kansas City Junior College.

Coleman, William G.....E. E.....Lamar, Mo.
Honor List. AIEE. ROTC Band.

Collier, Ray B.....Min.-Geol.....Coffeyville, Kans.
Track '47. Engineers Club '47-'48. AIME. Honor List '45-'46.

Collier, Rob M.....Min. E.....Coffeyville, Kans.
Engineers Club '47. AIMME. Track '47-'48. "M" Club.

Collins, William Wesley.....Min.-Pet.....Webb City, Mo.
Pi Kappa Alpha. Missouri Academy of Science '45. Theta
Tau '46-'47-'48-'49. St. Pat's Board '47-'48.

Comer, Elwyn D.....M. E.....Burnt Cabins, Pa.
ASME Transfer Shippensburg State Teachers College and
Harris Junior College.

Commerford, Thomas J.....M. E.....Rolla, Mo.
Triangle. ROTC Band. Missouri Academy of Science. Music
Club '43. Student Assistant C. E. Department '48-'49. Trans-
fer St. Louis University.

Spring is here.





That long, long line.

Comstock, Elbert E.....Min.-Pet.....Rolla, Mo.
Independents '48-'49. Honor List '48. AIMME '48-'49. De-
tonators '42-'43.

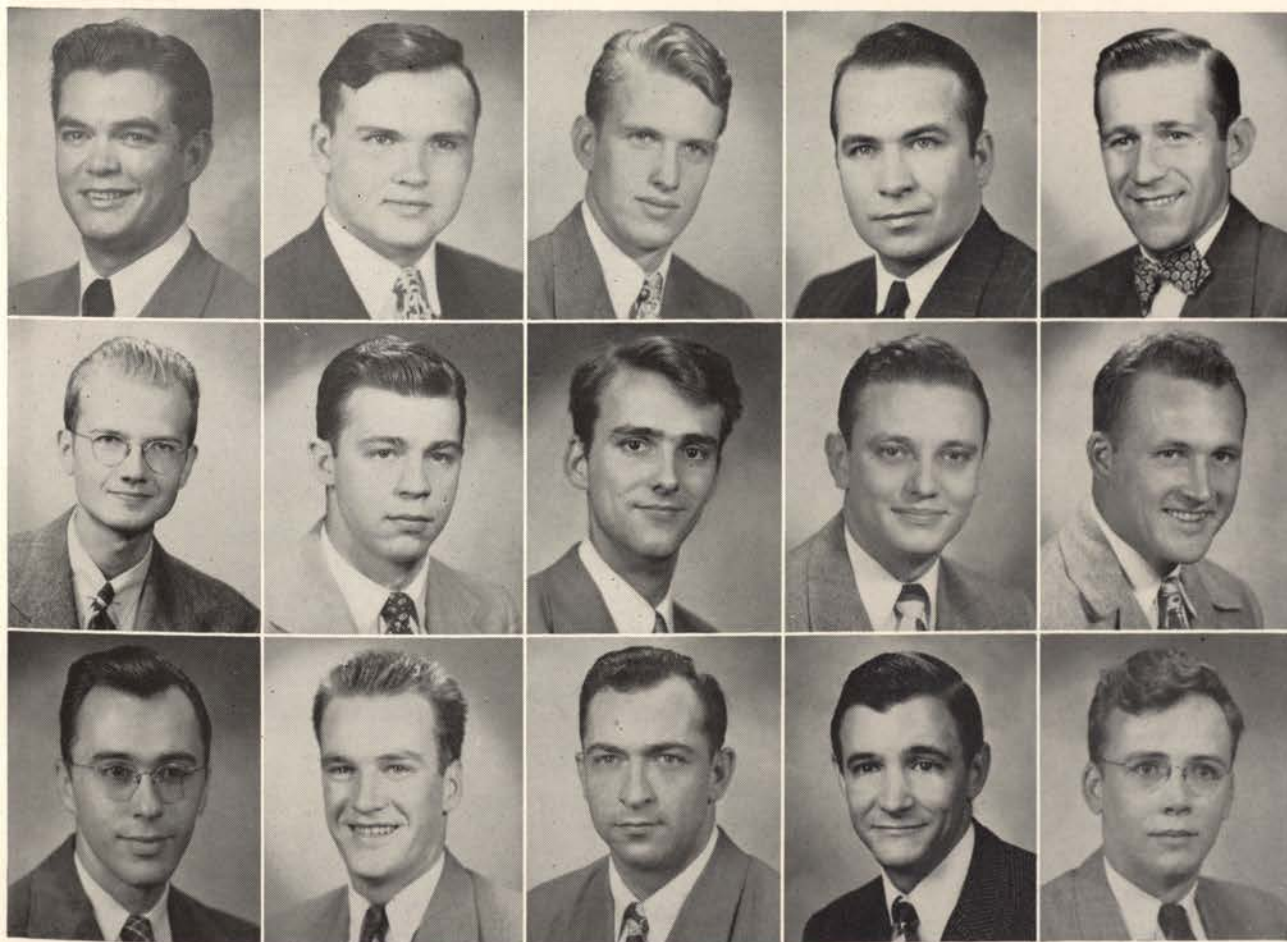
Cook, Arthur Leo, Jr.....E. E.....Rolla, Mo.
Student Assistant Library '46-'47-'48-'49. Honor List '46-'47.

Cook, John Bernard.....M. E.....Sedalia, Mo.
Sigma Nu. ASME. Transfer Central Missouri State.

Coolidge, William Henry.....Chem. E.....Crystal City, Mo.
Triangle Vice-President, Treasurer, Corresponding Secretary,
House Manager, Social Chairman. Engineers Club '43. Blue
Key. AICChE. ROTC Band '43. Inter-Fraternity Council.

Copeland, Roy E.....M. E.....St. Louis, Mo.
ASME. Missouri Academy of Science. SAME.

Coplen, Roy I., Jr.....C. E.....Sedalia, Mo.
Alpha Phi Omega. ASCE. ARBA. Transfer Colorado Ag-
gier, Rutgers University, Central Missouri State College.



Davidson, P.
Detjen
Downs

Davis
Dickerhoff
Driscoll

Dean
Dieckman
Duke

Deer
Diefenbach
Dyer

Deso
Dougherty
Eason

Corrie, Beryl Breen.....Min.-Pet.....Alton, Ill.
Transfer Southeast Missouri State.

Costley, Leon J.....E. E.....Granite City, Ill.
Honor List '46-'47. AIEE. Radio Club.

Cox, Delbert Ray.....E. E.....Murphysboro, Ill.
Honor List '46-'47.

Cramer, Roy Richard.....E. E.....Morrison, Mo.
AIEE.

Crawford, Don W.....M. E.....Seneca, Mo.
ASME. Baptist Student Union.

Crippen, Richard G.....Min.-Pet.....Salem, Ill.
Honor List '47-'48.

Crites, Joseph D.....Min. E.....Farmington, Mo.
Engineers Club Board of Control '43. Secretary-Treasurer
'48-'49. James Scholarship. Theta Tau. Student Council
Vice-President. President Senior Class '49. Transfer Uni-
versity of Illinois and Southeast Missouri State.

Cromer, Charles F.....E. E.....Doe Run, Mo.
Honor List. AIEE. Transfer Junior College of Flat River and
Northwest Missouri State.

Cronk, Robert Joe.....Min.-Geol.....Rosiclare, Ill.
Sigma Phi Epsilon Secretary '48-'49. Honor List '46-'47-'48.

Crosby, Thomas Edward.....Chem. E.....St. Louis, Mo.
Triangle. Honor List '48.

Crossman, Frederick Thomas.....Chem. E.....Crown Point, N. Y.
Triangle Secretary '48. Corresponding Secretary '47. Stu-
dent Assistant Chemistry Department '47. Student Council
'48-'49. Alpha Chi Sigma '47-'48-'49. Honor List '46-'47.

Crump, James S.....M. E.....University City, Mo.
Transfer Washington University. ASME '48-'49.

Crutchfield, Carroll D.....Met. E.....Rolla, Mo.
James Scholarship '46.



Try aqua regia.

Cullom, John T.....Met. E.....Mt. Olive, Ill.
 Lambda Chi Alpha Pledge. Student Assistant Metallurgical
 Department '48. ASM '48-'49. American Foundrymen's As-
 sociation '48-'49. Honor List '46-'47-'48. Football '46.
 Curtis, John Joseph.....Min.-Geol.....Chicago, Ill.
 Transfer Dartmouth and University of Illinois.
 Dalpini, David.....Min. E.....Jennings, Mo.
 Honor List '47. AIMME.
 Daly, Thomas E.....Sci.-Geol.....Rolla, Mo.
 Independents '47-'48. Student Assistant Geological Depart-
 ment '48-'49.
 Daniels, Charles B.....C. E. Const.....Rolla, Mo.
 ASCE 46-'47. Engineers Club '47-'48. Student Assistant
 C. E. Department '48. Transfer Jefferson City Junior College.
 Danz, Albert G.....M. E.....Union, Mo.
 Sigma Phi Epsilon '47-'48-'49. Senior Marshal '49. Engineers
 Club '47. Honor List '48. ASME '48. Radio Club '46. Photo



Edmunds
 Eisenberg
 Ellis

Edwards
 Eissinger
 Evans, I.

Ege
 Ellenson
 Evans, Wm.

Eichelberger
 Ellnor
 Feltmann



Taking a bead.

Club '48. Alpha Psi Omega '47. Vice-President, Guard '48.
 MSM Players.
 Danzer, Carl J.....C. E.....St. Louis, Mo.
 Technicians Club. ASCE. Wesley Foundation. Transfer
 Harris Junior College.
 da Silva, Anibal Jose.....Physics.....New Rochelle, N. Y.
 Tau Kappa Epsilon. Physics Ferreters.
 Daste, John Joseph.....Cer. E.....San Bernardino, Calif.
 Honor List '48. Keramos. American Ceramics Society. Trans-
 fer San Bernardino Valley College and University of Texas.
 Daugherty, Raymond E.....Met. E.....Prairie DuChien, Wisc.
 ASM. AIME. Transfer Wisconsin Institute of Technology.
 Daum, Edwin L.....E. E.....Edwardsville, Ill.
 Davidson, Charles C.....E. E.....Anderson, Mo.
 Transfer Southwest Missouri State.
 Davidson, George H., Jr.....M. E.....St. Louis, Mo.
 ASME. Photo Club. Transfer St. Louis University.

Senior Class of Forty-Nine

Davidson, Phillip B.....Min.-Geol.....Hickman Mills, Mo.
Sigma Phi Epsilon. Honor List '48. Transfer New Mexico
Military Institute and University of Kansas City.

Davis, Robert E.....Cer. E.....East St. Louis, Ill.
American Ceramics Society '47-'48-'49. Keramos '48-'49.
Sigma Pi Pledge '48-'49. Football Squad '48-'49.

Dean, Donald L.....C. E.....Warrenton, Mo.
Sigma Nu. Tau Beta Pi Secretary. Phi Kappa Phi. Honor
List. ASCE Treasurer '44-'45. ROTC Band '44-'45.

Deason, Roy B.....C. E.....Herrin, Ill.
Transfer Southern Illinois Normal.

DeBolt, Donald G.....E. E.....Little Rock, Ark.
Sigma Nu Marshal '47. Alumni Contact Officer '48-'49.
Honor List '46. AIEE '46-'47. Glee Club '46-'47. Miner
Board '46-'48. Editor '47. Associate Editor '47-'48. Transfer
The Citadel and Military College of South Carolina.

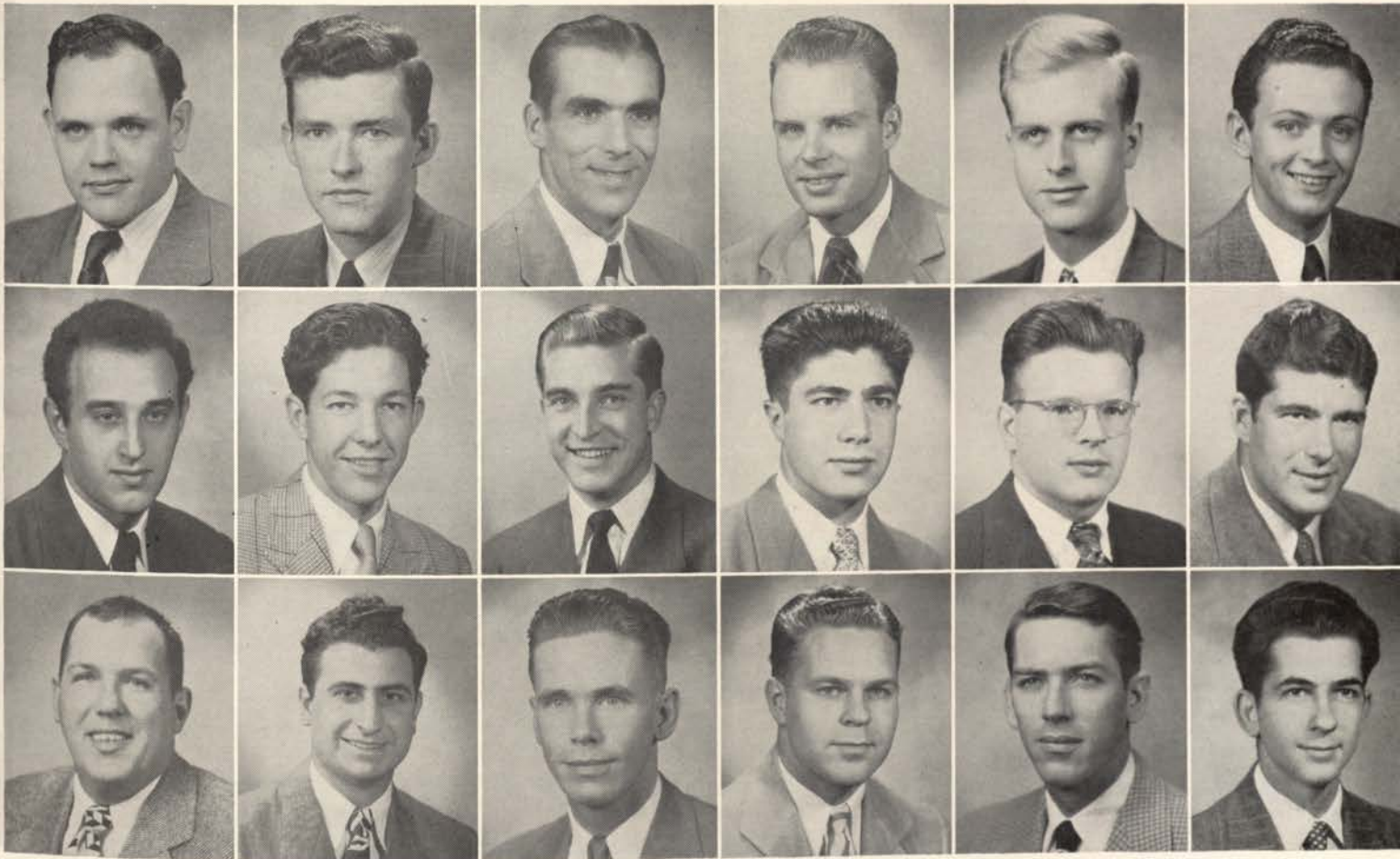
pendents '42-'43-'46-'47-'48-'49. AICHe '47-'48-'49. Glee Club
'42-'43. Music Club '43-'44. Treasurer '48-'49. Stamp Club
'48-'49. Photo Club '47-'48. Student Council '47-'48. Secre-
tary '48-'49. Miner Board '43-'44. Rollamo Board '48-'49.
NYA Assistant Library '42-'43.

Diefenbach, Russell E.....Min.-Pet.....Rolla, Mo.
Student Assistant Library '48-'49.

Ditore, Michael J.....Chem. E.....New Rochelle, N. Y.
Triangle House Manager, Steward, President. Alpha Chi
Sigma. St. Pat's Board Treasurer.

Dougherty, Eddie Lee.....C. E.....Rolla, Mo.
ASCE '47-'48. Treasurer '48-'49. Football '46-'47-'48-'49. Photo
Club '47-'48. Theta Tau Inner Guard '48-'49. Honor List
'47-'48.

Downs, Jack S.....E. E.....Springfield, Mo.
AIEE '47.



Ferguson
Poster
Gambill

Fentzke
Frank, K.
Gammon

Ferreira
Frank, L.
Geiss

Findlay
Fraser
Gerecke

Fliehman
French
Gloriod

Foster, J.
Fuqua
Gokenbach

Deer, Robert Broyce.....M. E.....Rolla, Mo.
ASME '48-'49. ASCE '48-'49. Honor List '46-'47.

DeHekker, Lloyd.....Chem. E.....St. Louis, Mo.
Honor List '46-'47-'48. AICHe '47-'48-'49. Alpha Chi Sigma
'48-'49.

Deso, William Harold.....Min.-Pet.....Essex, N. Y.
Triangle House Manager '48. American Ceramics Society
'46-'47-'48-'49.

Detjen, Richard F.....C. E.....Kirkwood, Mo.
Gamma Delta '48-'49.

Deutman, George Mathew.....Min. E.....Cuba City, Wisc.
Transfer Wisconsin Institute of Technology.

Dickerhoff, Donald Cyril.....M. E.....St. Louis, Mo.
ASME '47-'48-'49. MSM Rifle Club '48. Transfer Williamette
University and University of Washington.

Dieckman, Leonard E.....Chem. E.....St. Louis, Mo.
Technicians Club '42-'43-'44. Engineers Club '48-'49. Inde-

Drago, William A., Jr.....E. E.....Springfield, Mo.
Engineers Club '48. Tau Beta Pi '48. Phi Kappa Phi '48.
Phi Kappa Phi Bookplate '47-'48. Honor List '46-'47-'48.
AIEE Treasurer '48. Glee Club '47-'48. ROTC Cadet First
Lieutenant '47. Detonators '46-'47. Secretary. Transfer
Drury College.

Driscoll, Richard E.....Chem. E.....Chicago, Ill.
Kappa Alpha Censor '48. Treasurer '49. Honor Roll. Alpha
Chi Sigma. AICHe. Transfer Armour Institute, Chicago.

Duffner, Bernard W.....Min.-Pet.....DeSoto, Mo.
Theta Kappa Phi Historian '43. Athletic Manager '44-'46.
Blue Key Award '43. Alpha Phi Omega Sergeant-at-Arms.
AIME. Transfer St. Benedict's College. Intramural Tennis
Doubles Champion '43-'47-'48. Swimming. Basketball.

Duke, Calvin W.....E. E.....St. Louis, Mo.
Kappa Sigma Guard '43. "M" Club '46. AIEE. Missouri
Academy of Science. Football '47. Swimming '46.

Senior Class of Forty-Nine

Duncan, Richard Henry.....E. E.....Rolla, Mo.
AIEE '47-'48. Transfer University of Cincinnati.
Dyer, Wayne F.....M. E.....Rolla, Mo.
ASME '47-'48-'49.
Dziemianowicz, Theodore.....Cer. E.....Camden, N. J.
Sigma Pi '42-'48-'49. Alpha Chi Sigma '43-'46-'47-'48-'49.
Student Council '42. Student Council Alternate '43. AICHE
'42-'43. ROTC Staff Sergeant '47. SAME '47. Student As-
sistant Chemistry Department '47-'48-'49. Honor List '46-
'47-'48.
Eason, Donald E.....E. E.....Kirkwood, Mo.
Engineers Club '44. Honor List '45. Alpha Phi Omega Sec-
retary '44-'46. President '46. AIEE. Student Council '45-'46.
Miner Board '45-'46. Wesley Foundation Secretary '45-'46.
Vice-President Junior Class '45-'46.
Edmunds, Arthur W.....M. E.....Chicago, Ill.
Tau Beta Pi. Honor List '44-'47-'48. Baptist Student Union
'47-'49. President '47-'48.

Ellinor, Mack.....E. E.....Paragould, Ark.
Honor List '46-'47. AIEE. Transfer Arkansas State Teachers.
Ellis, Robert Carter.....C. E.....Warrensburg, Mo.
ASCE. ARBA. Transfer Central Missouri State.
Elmore, C. H.....Sci. Phys.....Rolla, Mo.
Honor List '46-'47. Physics Ferreters Vice-President '48-'49.
Transfer Stephens Institute of Technology.
Enfield, Bernard M.....C. E.....Jacksonville, Ill.
Pi Kappa Alpha Secretary '46. ASCE. SAME. Chairman
Military Ball Committee '46. Co-Chairman '47. Inter-Fratern-
ity Council. Miner Board.
Espenschied, Harvey A.....E. E.....St. Louis, Mo.
AIEE. Transfer University of Missouri.
Evans, Isaac R.....Cer. E.....Rolla, Mo.
Triangle. Honor List '47. American Ceramics Society Presi-
dent '47-'48.



Goller
Griesedieck
Guth

Gosen
Griffith
Hamilton

Graham
Grimsley
Hardin

Green
Grojean
Hartman

Greenman
Grotefendt
Hase

Greer
Grueneberg
Haskell

Edwards, Paul Kenneth.....Min. E.....New Philadelphia, O.
Honor List '45-'46-'47-'48.
Ege, Robert William.....E. E.....Springfield, Mo.
ROTC Band '46-'47-'48. AIEE '48. Honor List '46-'47-'48.
Transfer Monett Junior College.
Ehrler, John W.....Chem. E.....Chicago, Ill.
Kappa Alpha President '48-'49. Social Chairman '47-'48.
Alpha Chi Sigma Secretary. AICHE. ACS. St. Pat's Board.
Transfer Illinois Institute of Technology.
Eichelberger, Charles E.....E. E.....Rolla, Mo.
Engineers Club '46-'47. Phi Kappa Phi. AIEE.
Eisenberg, Meyer.....Cer. E.....Long Island City, N. Y.
Tech Cooperative Club '48-'49. Honor List '46-'47. Transfer
Brooklyn College.
Eissinger, Karlheinz.....Geol.....Independence, Kans.
Gamma Delta. Transfer Louisiana Polytechnical Institute.
Ellenson, Robert B.....M. E.....Brooklyn, N. Y.
ASME. Photo Club. Rolla Bicycle Association President.

Evans, William W.....Cer. E.....Canton, O.
Keramos. American Ceramics Society. Gamma Delta.
Transfer Michigan State College and Wittenberg College.
Eyberg, Walbridge P.....Chem. E.....Rolla, Mo.
Triangle. Honor List '46-'47-'48.
Fanning, A. Norman.....Min. E.....Vichy, Mo.
Honor List '46-'48. AIME. Photo Club '47-'48.
Faulkner, Charles M.....Met. E.....Rolla, Mo.
Honor List '47. Original Award ROTC. Rifle Club '41. ROTC
Band '40-'41-'42-'43. Student Assistant Metallurgical Depart-
ment '46.
Feltmann, James A.....M. E.....Washington, Mo.
Theta Kappa Phi Secretary '48. Honor List '47. ASME.
Fentzke, A. Daniel.....Cer. E.....Orchard Park, N. Y.
Kappa Alpha Order '39-'49. Honor List '47. American Ceram-
ics Society '48-'49. President '48-'49. Glee Club '39-'40.
Inter-Fraternity Council '40.
Ferguson, John H.....M. E.....Hickman Mills, Mo.
ASME.



"Whut Happined?"

Pretty pose.



Hay
Heins
Hernden

Hayase
Heltzeberg
Herzog

Hegwer
Helm
Hill

Heidbrier
Hemme
Hillhouse

Ferreira, Francisco.....Min. E.....New Bedford, Mass.
Theta Kappa Phi Vice-President. Pledge Manager. Honor
List '48. AIMME. Intramural Sports Bridge Championship
'47-'48.

Findlay, John Frederick.....C. E.....Gasconade, Mo.
Independents '47-'48. Tech Club '48. Honor List '47-'48.
ASCE '47-'48. ARBA '48. Transfer Ohio State University.

Fliehman, Maurice Harvey.....E. E.....St. Charles, Mo.
Engineers Club '45-'46-'47-'48. Independents '45-'46-'47-'48.
Honor List '46-'47. AIEE '48-'49. Missouri Academy of Sci-
ence. Glee Club '45. Gamma Delta Secretary '47. House
Manager '48.

Foster, Jack Dolph.....Sci.-Geol.....Carmi, Ill.
Engineers Club. Independents President '48-'49. Tau Beta
Pi Corresponding Secretary '49. Phi Kappa Phi. Phi Kappa
Phi Bookplate '46-'47-'48. Honor List '46-'47-'48. Theta Tau
'48-'49. AIMME. Hammer Throwers '47. Student Council
'48-'49. Treasurer Senior Class. National Students Associa-
tion Delegate '48.

Foster, Michael Lee.....Met. E.....Brooklyn, N. Y.
Honor List. ASM. AFS. AIME.

Frank, Kurt Hubert.....Chem. E.....Lemay, Mo.
Kappa Sigma. Intramural Manager '49. Phi Kappa Phi.
Tau Beta Pi. Phi Kappa Phi Bookplate. Honor List '48-'49.
Chemical Engineer Award '49. Alpha Chi Sigma. Transfer
Cape Girardeau State College.

Frank, Louis Edward.....Chem. E.....St. Louis, Mo.
Kappa Sigma '45-'46-'47-'48. Grand Scribe '46. Grand Master
Ceremonies '48. Blue Key '47-'48. Alpha Chi Sigma '47-'48.
AICHE Vice-President '48. Student Council '47-'48. Rollamo
Photographer '45-'47. Missouri Miner Circulation Manager
'48.

Fraser, Joseph R.....E. E.....Lindenhurst, N. Y.
AIEE.

Frautschi, Richard J.....M. E.....Kansas City, Mo.
Transfer Macalester College.

Freiert, Milton A.....M. E.....Rolla, Mo.
Engineers Club '42-'43. Football '42-'43. Music Club '43.

Senior Class of Forty-Nine

French, Robert G.....C. E.....Kansas City, Mo.
 Lambda Chi Alpha Honor Pledge '47. Tau Beta Pi. Phi
 Kappa Phi Bookplate '46. Theta Tau. ASCE. ARBA. Stu-
 dent Assistant Drawing Department '47. C. E. Department
 '48.

Fuqua, John H.....Met. E.....Chicago, Ill.
 Kappa Alpha Secretary '47-'48-'49. AIME '46-'47. ASM '48-
 '49. Transfer St. Mary's and Illinois Institute of Technology.
 Student Assistant Chemistry Department, '47-'48.

Gambill, James William.....Min. E.....Richland, Wash.
 AIME. Transfer Wisconsin Institute of Technology.

Gammon, William H.....Chem. E.....St. Louis, Mo.
 Kappa Sigma President. Alumni Secretary; Guard. Tau Beta
 Pi. Honor List. Blue Key Corresponding Secretary. "M"
 Club Secretary. Alpha Chi Sigma Reporter. AICHE. Foot-
 ball '43-'46-'48. Inter-Fraternity Council Secretary-Treasurer.

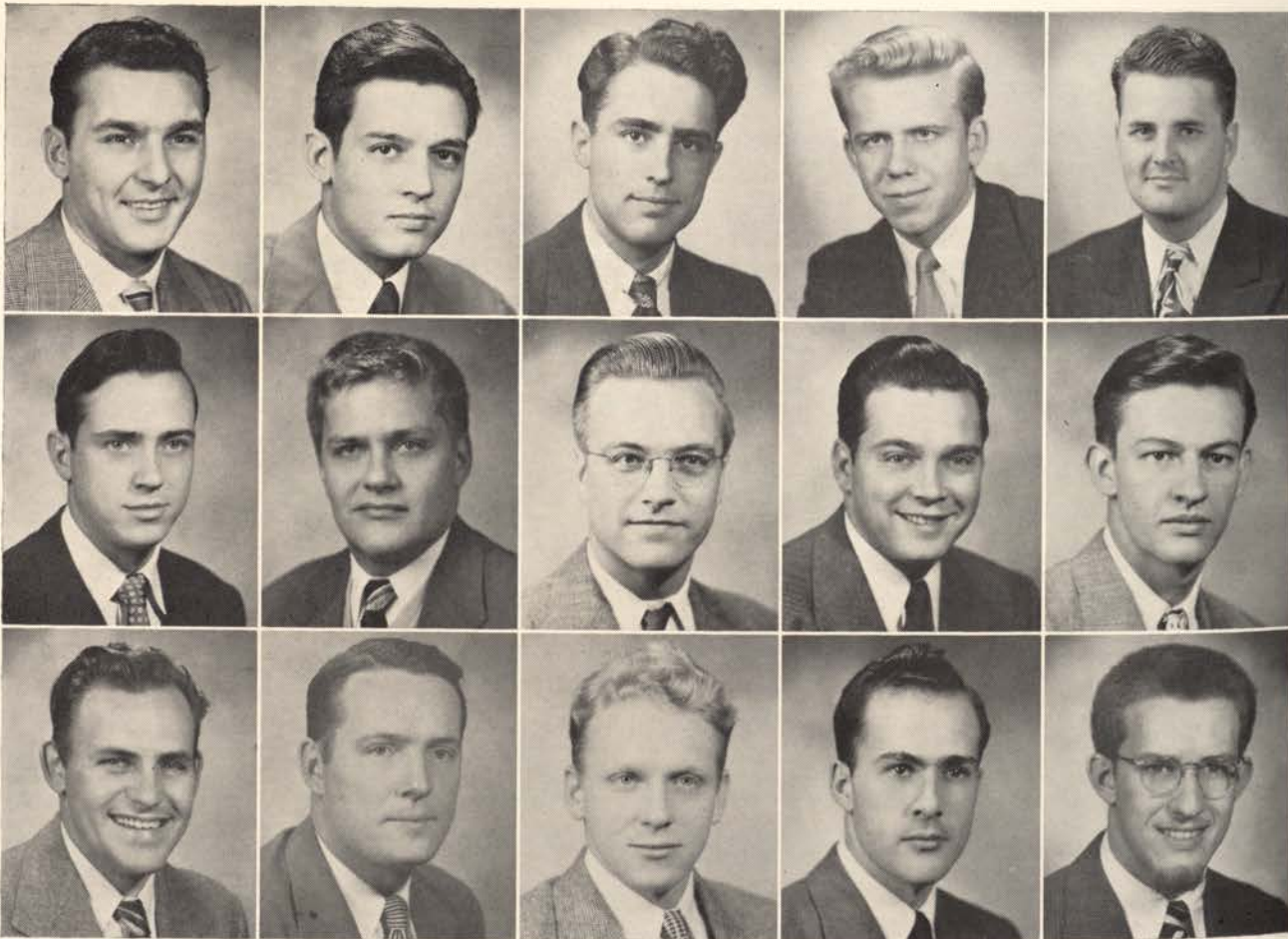
Garrod, Fred.....E. E.....Alton, Ill.
 Gehrs, William L.....M. E.....Springfield, Mo.
 ASME. SAME. Transfer Oklahoma Military Academy and
 U. S. Military Academy.

Geiss, Edward A.....Chem. E.....Kansas City, Mo.
 Tau Beta Pi '48-'49. Honor List '46-'47-'48-'49. Phi Kappa
 Phi Bookplate '47-'48. Alpha Chi Sigma '48-'49. AICHE
 '48-'49.

Georger, Lester Joseph.....E. E.....St. Louis, Mo.
 Phi Kappa Phi Bookplate. Honor List. IRE. Radio Club
 Vice-President.

Gerecke, Arthur F., Jr.....M. E.....Webster Groves, Mo.
 Lambda Chi Alpha. Tech Club. Alpha Phi Omega. ASME.
 Glee Club. Transfer Iowa State College.

Gloriod, Paul W.....Min.-Pet.....Jefferson City, Mo.
 Honor List '45-'46-'47-'48. Photo Club '47-'48-'49.



Hoehn
 Holmes
 Hubbard

Hogan
 Hoopes
 Hudson, A.

Hogland
 Hopkins
 Hudson, C.

Hollman
 Howard
 Hughes, E.

Holloway
 Hrach
 Hughes, J.



Goddard, Rex G.....M. E.....Carthage, Mo.
 ASME '47-'48. Commanding Officer Air Force Reserve Unit
 '48.

Gokenbach, Donald.....E. E.....Affton, Mo.
 Lambda Chi Alpha. Transit Editor. Honor List '46-'47-'48.
 Blue Key. AIEE. Rollamo Board. Miner Board. Gamma
 Delta.

Goller, Carl H., Jr.....Chem. E.....St. Louis, Mo.
 Tau Beta Pi '48. Phi Kappa Phi Bookplate '47. Honor List
 '46-'47-'48. Alpha Chi Sigma '47-'48. Vice Master Alchemist
 '48. Master Alchemist '49. AICHE '46-'47-'48-'49. Intramural
 Handball Doubles Champion '48.

Gosen, John W.....Min.-Pet.....Webster Groves, Mo.
 Tech Club '42-'43. Independents '48-'49. NYA Assistant
 Registrar's Office '42-'43.

Graham, Alfred E.....C. E.....Rolla, Mo.
 Honor List '47-'48-'49.

Words of wisdom.

Green, Paul Edward.....Pet. E.....Fennimore, Wisc.
Transfer Wisconsin Institute of Technology.

Greenman, D. W.....Sci.-Geol.....Wauwatosa, Wisc.
Honor List '46-'47-'48. Student Assistant Mining Department
'47. Student Assistant Geological Department '47-'48.

Greer, Paul H.....E. E.....Cape Girardeau, Mo.
Honor List. AIEE. Radio Club. Transfer California Institute
of Technology.

Greig, Joseph E.....M. E.....Rolla, Mo.
ASME '48-'49. Glee Club '48.

Griesedieck, Donald L.....M. E.....St. Louis, Mo.
Lambda Chi Alpha. Rush Chairman. Pledge Trainer. Vice-
President Theta Tau. ASME.

Griffith, James S., Jr.....M. E.....Chattanooga, Tenn.
Theta Chi. AFS. ASME. Transfer University of Chattanooga.



Swallow it Mike!



Hughes, J. R.
Hutton, J.
Isringhaus

Hughes, W.
Hyatt
Jackson

Hughes, W. P.
Hyde
Janezewski

Hunt
Hyslop
Johnson, D.

Hutton, H.
Ingold
Johnson, H.

Griffith, William L.....Chem. E.....Monroe City, Mo.
Sigma Nu. Honor List. Alpha Chi Sigma. Photo Club '44-
'45. Secretary-Treasurer '45. ROTC Band '44-'45. Miner
Board '44-'45.

Grimsley, Elbert A.....Min.-Pet.....Stanberry, Mo.
Independents '47-'48-'49. AIME. Track '47-'49. St. Pat's
Board '47-'48-'49. Vice-President '48. Transfer University of
Oregon. Jackling Terrace Council Committeeman '46-'47-
'48-'49.

Gronbeck, Marius P.....Min. E.....LaCrosse, Wisc.
Student Assistant Mining Department '48-'49.

Grotefendt, Roger F.....Cer. E.....Granite City, Ill.
American Ceramics Society Vice-President '48. Keramos
Herald '48.

Grueneberg, George W.....E. E.....Cape Girardeau, Mo.
Honor List '47-'48. AIEE. Transfer Southeast Missouri State.

Guth, Kenneth.....M. E.....St. Louis, Mo.
ASME.

Hale, Curtis K.....E. E.....Blytheville, Ark.
Phi Kappa Phi. AIEE.

Hamilton, Robert C.....M. E.....Chicago, Ill.

Hansen, Robert C.....E. E.....Union, Mo.
Independents. Engineers Club. Tau Beta Pi Secretary '48.
Phi Kappa Phi. Honor List. Phi Kappa Phi Bookplate. In-
stitute of Radio Engineers. Acoustical Society of America.
AIEE Secretary '47. President '48. Music Club. Glee Club
'45. Radio Club President '46. Photo Club Custodian '46.
ROTC Band '45. Student Council '47. Miner Board '48. Cam-
pus Vets Association '46.

Hardin, Austin K.....Chem. E.....Camden, Mo.
Honor List '46-'47-'48. AICHE '47-'48-'49.

Hartmann, Lynn F.....M. E.....Rolla, Mo.

Hartmann, Raymond T.....E. E.....Piedmont, Mo.
Phi Kappa Phi Bookplate '46-'47. Honor List '46-'47-'48.
AIEE.



Next year, maybe.

- Hase, Donald H.....Sci.-Geol.....Joliet, Ill.
Tau Beta Pi. Fencing Club '47-'48-'49. Glee Club '46-'47.
- Haskell, Donald F.....Min. E.....Rolla, Mo.
Shamrock Club '41-'42. Student Assistant Mining Department '48-'49. Transfer Northwestern University of Massachusetts.
- Hay, Joseph L.....Cer. E.....Rolla, Mo.
Sigma Pi. ACS.
- Hayase, Masashi.....Met. E.....Los Angeles, Calif.
Engineers Club. Independents '44-'45. Secretary-Treasurer Tau Beta Pi '48. Honor List. Phi Kappa Phi Bookplate '45. American Society for Metals. AIMME. Student Council Alternate '45.
- Heger, Clarence F.....Met. E.....St. Louis, Mo.
Kappa Sigma. Honor List '47-'48.



Johnson, J. L.
Jones, S.
Kane

Jones, A.
Judah
Keene

Jones, O.
Juenger
Kelley

Jones, R.
Katz
Kellison



- Hegwer, John Scott.....Min.-Pet.....Casper, Wyo.
Tech Club. Honor List '48-'49. AIME. Transfer Montana School of Mines.
- Heidbrier, Warren G.....M. E.....New Haven, Mo.
Honor List '46-'47-'48. ASME '47-'48-'49. Transfer University of Missouri.
- Heins, Robert W.....Min. E.....Platteville, Wisc.
- Heitzeberg, Charles H. S.....E. E.....St. Louis, Mo.
Tech Club '48-'49. President '48-'49. Independents '48-'49. Phi Kappa Phi '48-'49. Honor List. AIEE '47-'49. Transfer Harris Teachers College. Student Assistant Physics Department '48-'49.
- Hellrich, Henry J.....E. E.....Rolla, Mo.
- Helm, Robert William.....C. E.....Macomb, Ill.
Kappa Sigma '41-'46-'47-'48. Treasurer '47. House Manager '48. Intramural Manager '47-'48. ASCE.

Men of distinction.

Senior Class of Forty-Nine

Hemme, Adolph F.....Chem. E.....Rolla, Mo.
Alpha Chi Sigma '47-'48-'49. Vice-Master Alchemist. Master
of Ceremonies '48-'49. AICHE '47-'48-'49.

Herndon, William F.....Sci.-Geol.....Kansas City, Mo.
ROTC Band '46-'47. Glee Club '47-'48-'49. Transfer Central
College and Kansas City Junior College.

Herzog, Francis J.....M. E.....Rolla, Mo.
Honor List '48. Independents '47-'48. Student Assistant Vet-
erans' Office '48. ASME '48-'49.

Hill, E. C.....M. E.....Sedalia, Mo.
Honor List '47-'48. Alpha Phi Omega. ASME.

Hill, William E.....Min.-Pet.....Rolla, Mo.
Pi Kappa Alpha. Basketball '45-'46. "M" Club '46.

Hillhouse, David L.....E. E.....Branson, Mo.
Tech Club. Independents. Phi Kappa Phi. Phi Kappa Phi
Bookplate. AIEE.

Hollmann, Harold R.....Met. E.....St. Louis, Mo.
Sigma Nu Chaplain '48-'49. Honor List '46-'47-'48. ASM '47-
48. Glee Club '45-'46. St. Pat's Board '47-'49. Gamma
Delta '47.

Holloway, Nick.....Chem. E.....Little Rock, Ark.
Honor List '47-'48. AICHE '47-'48. Treasurer '48-'49. Alpha
Chi Sigma '48-'49. Student Assistant Chemistry Department
'48. Tau Beta Pi '48-'49. Transfer Little Rock Junior College.

Holmes, Gerald Doss.....E. E.....Farmington, Mo.
Lambda Chi Alpha Social Chairman '45. Alumni Corre-
spondent '47. Ritualist '47-'48. Tau Beta Pi President '48-
'49. Phi Kappa Phi Bookplate '44-'45. Honor List '44-'45-
'46-'47. Blue Key. AIEE Vice-Chairman '49. Glee Club '44-
'45-'46-'47. Rifle Club '45. Rollamo Board. Student Assist-
ant Library '44-'45-'46-'48.

Holt, Roy E.....E. E.....Rolla, Mo.
AIEE '48. Student Assistant Registrar's Office '48-'49. Trans-
fer Washington University.



Kelly, D.
Klug
Kronsberg

Kelly, R.
Knecht
Kuse

Kelly, W.
Knopp
Lacke

Kemper
Knutson
Lafferty

Kingsley
Komoto
Laird

Klemme
Krausnick
Lamaster

Hoehn, Earl E.....Chem. E.....Perryville, Mo.
Kappa Sigma. Tau Beta Pi. Honor List '46-'47. Blue Key.
Alpha Chi Sigma Treasurer. AICHE. Football '43-'46-'47-'48.
Treasurer Junior Class.

Hoffman, Floyd.....Met. E.....Somerset, Pa.
Student Assistant C. E. Department '48-'49. Esperanto Asso-
ciation President '48-'49. Transfer St. Lawrence University
and Tufts College.

Hogan, William S.....M. E.....West Plains, Mo.
Kappa Alpha Treasurer '46. Honor List '45-'46-'48-'49. Phi
Kappa Phi '48-'49. Inter-Fraternity Council '46-'47. ASME
'47-'48-'49. Tau Beta Pi '48-'49.

Hogland, Virgil W.....E. E.....Lebanon, Mo.
Independents. CVA '46. Phi Kappa Phi '48. Honor List '46-
'47-'48. Phi Kappa Phi Bookplate '46-'47. AIEE. Photo Club.
Student Assistant Drawing Department '47-'48.

Hoopes, John E.....E. E.....Rolla, Mo.
Transfer Park College.

Hopkins, James S.....Met. E.....Kansas City, Mo.
Honor List '46-'47-'48. Tau Beta Pi '48-'49. Transfer Kansas
City Junior College.

Hoppe, Charles H.....Chem. E.....Cape Girardeau, Mo.
Honor List '47-'48. Photo Club '47-'48. AICHE '48. Alpha
Chi Sigma '48-'49. Transfer Southeast Missouri State.

Howard, Thurston B.....Chem. E.....Alton, Ill.
Alpha Chi Sigma '48-'49. AICHE '47-'48-'49. Transfer Shurt-
left College.

Hrach, Stanley R.....M. E.....Richmond Hgts., Mo.
Lambda Chi Alpha Secretary '46. Treasurer '47. President
'49. Honor List '45-'46-'47. Blue Key. ASME. Football '45.
Glee Club '47. Rifle Club '45. Missouri Academy of Sci-
ence Treasurer '45. President '47. SAME. ROTC.

Hubbard, William F.....M. E.....Bosworth, Mo.
Tech Club. ASME.

Senior Class of Forty-Nine

Hudson, Clarence H.....E. E.....Springfield, Mo.
Honor List '47-'48. Engineers Club '47-'48-'49. AIEE. Transfer Southeast Missouri State.

Hughes, Edwin L.....E. E.....Joplin, Mo.
Tau Beta Pi. Phi Kappa Phi. IRE. AIEE. Radio Club President. Transfer Joplin Junior College. Student Assistant E. E. Department.

Hughes, James W.....Chem.-Pet.....St. Louis, Mo.
Engineers Club '44-'45. Independents '48. Student Assistant '44. AICHe '47-'48. APO '48-'49.

Hughes, John Robert.....M. E.....Birmingham, Ala.
Alpha Tau Omega. ASME. Transfer Georgia Tech.

Hughes, Walter R.....Cer. E.....Springfield, Mo.
Engineers Club. Honor List '47. Keramos. ACS. Transfer Southeast Missouri State College, Iowa State College and Southwest Missouri State College.

Hyde, James C.....C. E.....St. Joseph, Mo.
ASCE '48-'49. Transfer St. Joseph Junior College.

Hyslop, Clayton J.....Chem. E.....Quincy, Ill.
Alpha Chi Sigma. AICHe. Transfer Quincy College.

Ingold, Louis B.....C. E.....Rolla, Mo.
ASCE. Transfer Culver Stockton College.

Isringhaus, Robert A.....Chem. E.....St. Louis, Mo.
Sigma Pi '46-'49. Treasurer '47-'48. Honor List '46. Blue Key '48-'49. Alpha Chi Sigma '48-'49. AICHe '48-'49.

Jackson, Elmer E.....E. E.....Richmond, Mo.
AIEE '47. Independents '48. Student Assistant Registrar's Office '48-'49.

Janczewski, Walter J.....E. E.....St. Louis, Mo.
Theta Kappa Phi Treasurer, Vice-President, House Manager. Honor List. Theta Tau. AIEE. Transfer University of North Carolina.



Lambe
Leinen
Letizia

Lanham
Lemp
Lieb

Larose
Lennox
Line, D.

Laumand
Lenzin
Line, M.

Lawrence, J.
Leonard
Lloyd

Lawrence, W.
Lester
Loeb

Hughes, William P.....C. E.....Calhoun, Mo.
Honor List '47-'48. AICHe '48-'49. Independents '47-'48. Transfer Central Missouri State College.

Hunt, Richard.....Min.-Geol.....Salem, Mo.
Pi Kappa Alpha Treasurer '47-'48. Vice-President '48-'49. ASCE. SAME '48. Secretary '48. ROTC Cadet Corporal '47. Captain '47-'48. Colonel '48-'49.

Hurst, Alfred N.....E. E.....Savannah, Mo.
Honor List '48. AIEE '48. Transfer St. Joseph Junior College.

Hutton, Hugh S.....C. E.....Rolla, Mo.
Honor List '46-'47. ASCE '48-'49.

Hutton, James R.....Min. E.....Rolla, Mo.
Student Assistant Mining Department '47-'48.

Hyatt, Edmond Preston.....Cer. E.....Joliet, Ill.
Shamrock Club '42. Independents '42. Tau Beta Pi '48. Phi Kappa Phi '48. Phi Kappa Phi Bookplate '47-'48. Honor List '47-'48. Keramos Vice-President '48. American Ceramics Society '47-'48. Detonators '42. Rifle Team '42. CE-AUS '43-'46.

Jenkins, Roger W.....C. E.....Sparta, Mo.
Sigma Nu Chaplain. Honor List '48. Blue Key Secretary-Treasurer '48. Alumni Correspondent '49. "M" Club President '47. Theta Tau. ASCE. ARBA. Basketball '45-'46-'47-'48. ROTC Band '45. Miner Board. Advertising Manager '48-'49.

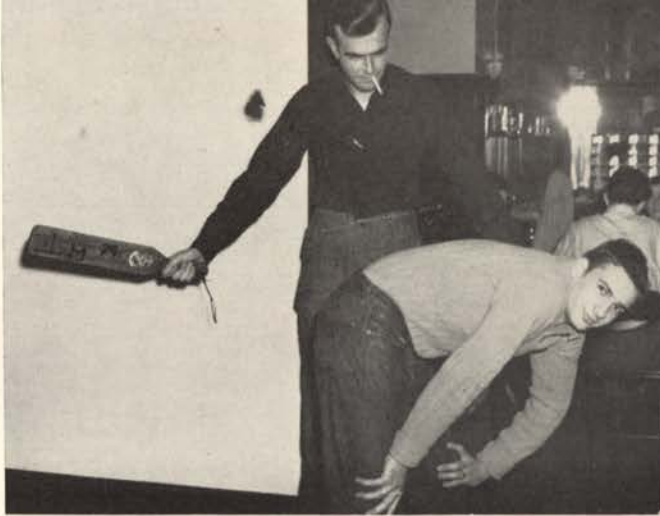
Johnson, Donald H.....M. E.....St. Louis, Mo.
Football '45. Gamma Delta Treasurer '46-'47. Transfer Harris Junior College.

Johnson, Harold N.....Min.-Pet.....Anaconda, Mont.
Theta Tau Corresponding Secretary. Transfer Montana School of Mines.

Johnson, James L.....M. E.....St. Clair, Mo.
Honor List '47-'48. ASME.

Jones, Albert Alonzo.....Min.-E.....Poland Mines, Pa.
Honor List '46-'47-'48. AIME Secretary '48.

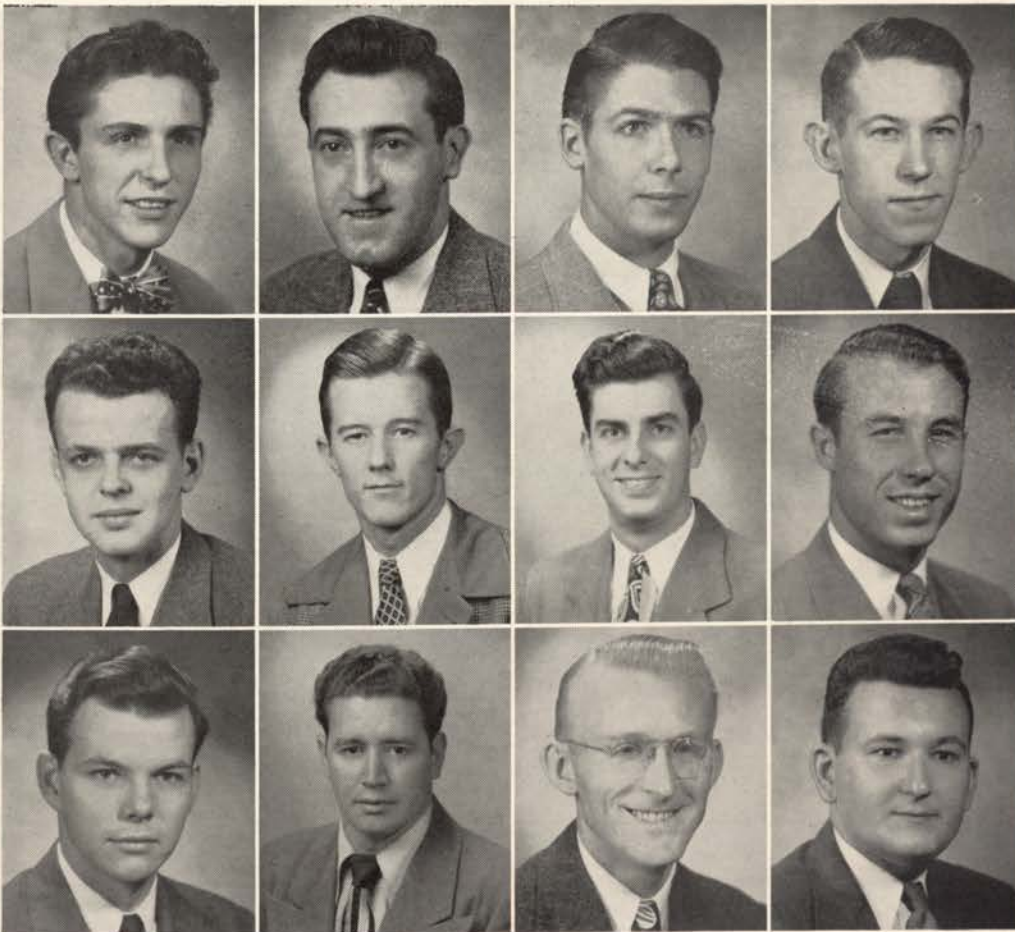
Jones, Oliver Wilson.....Min.-Pet.....Rolla, Mo.
Student Assistant Registrar's Office '48. Transfer Southeast Missouri State Teachers College.



Make it sting.



Party delure.



Long
Magruder
Marting

Lucker
Maquire
Marzano

Maag
Martin, R. L.
Mason

Mabrey
Martin, R. L.
Mathes

Jones, Reginald J.....Min. E.....Platteville, Wisc.
Jones, Sam Paul.....C. E.....Mexico, Mo.
Honor List '48-'49. ASCE. ARBA.
Juenger, George J., Jr.....C. E.....Maplewood, Mo.
Kappa Sigma. ASCE. Varsity Tennis '48-'49.
Juneau, Edward Nelson.....C. E.....Woodriver, Ill.
Transfer Shurtleff College.
Kahtz, Robert L.....M. E.....Edwardsville, Ill.
Independents. ASME. Student Council. St. Pat's Board.
Kaller, Herman Carl.....C. E.....St. Louis, Mo.
Kappa Sigma. Honor List '45-'46-'47.
Kane, Leonard F.....Met. E.....Huntington Park, Calif.
Chi Sigma Vice-President. President. Phi Kappa Phi Bookplate.
Honor List. ASM President. AIME. Glee Club.
Transfer University of California.
Keene, Miltin L.....Min. E.....Platteville, Wisc.
AIME. Transfer Wisconsin Institute of Technology.

Kelahan, Robert C.....Met. E.....Granite City, Ill.
Sigma Pi. ASM.
Kelley, James Dennis.....E. E.....Springfield, Mo.
Engineers Club '45-'49. Board of Control '46-'48. Independents '45-'49.
Secretary-Treasurer '45-'47. Tau Beta Pi '48. Phi Kappa Phi Bookplate '45-'46. AIEE '47-'49. Vice-President '47.
President '48. Student Council '46-'48. President '47. Transfer Southwest Missouri State. Board of Control of Student Publications '46-'48. Secretary '48. General Lectures Committee '47.
Kellison, George Bernard.....C. E.....Granby, Mo.
Kelly, Donald Virgil.....M. E.....St. Louis, Mo.
Sigma Pi. Honor List '45-'46. Phi Kappa Phi Bookplate. ASME '48-'49. Fencing Club '46-'47. Treasurer '47-'48.
Kelly, Ray G.....C. E.....Knobnoster, Mo.
Engineers Club. ASCE. American Road Builders Association. Transfer Central Missouri State College.

Senior Class of Forty-Nine

Kelly, William Aaron.....M. E.....Rolla, Mo.
Honor List '47. ASME '48-'49.

Kemper, Robert J.....C. E.....Johnston City, Ill.
Sigma Nu '46. Engineers Club '46. Honor List '47-'48.
ASCE '47-'48. Basketball '45-'46-'47. Football '46-'47-'48, Co-
Captain, All-Conference '47-'48. "M" Club '46-'47-'48. Treas-
urer '47. Transfer Southern Illinois University.

Kingsley, Dale L.....Chem. E.....Mt. Vernon, Mo.
Tech Club. Alpha Chi Sigma. AICHE. Transfer Michigan
State College.

Klug, Robert L.....E. E.....Rolla, Mo.
AIEE.

Knecht, Walter S.....Chem. E.....St. Louis, Mo.
Kappa Sigma. Alpha Phi Omega. Alpha Chi Sigma.
AICHE. Rifle Club. Miner Board.

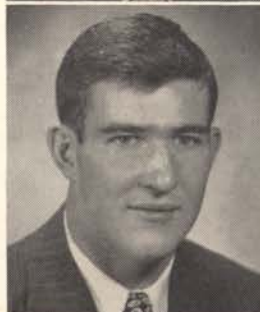
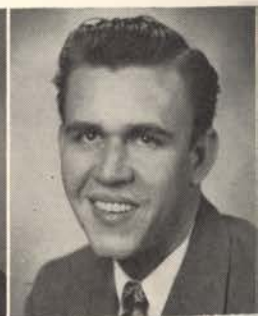
Knopp, Charles Roger.....Min. E.....Hannibal, Mo.
Lambda Chi Alpha. AIME. Transfer Culver-Stockton College.
Knutson, Elmo G.....Met. E.....Rapid City, S. Dak.
Phi Kappa Phi Bookplate, '46-'47. Honor List. AIMME. AFS.
ASM.

Koenig, Fred George.....Chem. E.....St. Louis, Mo.
Sigma Pi Vice-President. Treasurer. Phi Kappa Phi Book-
plate '46-'47. Blue Key. Alpha Chi Sigma. St. Pat's Board
'48-'49. Vice-President.

Komoto, Frank Keichi.....Min.-Geol.....Rock Springs, Wyo.
Engineers Club '46-'47-'48-'49. Business Manager '48-'49.
AIME '48-'49.

Kramer, Walter Allen.....Min. E.....St. Joseph, Mo.
Engineers Club. Golf Team. Glee Club.

Kraus, Robert C.....M. E.....Rolla, Mo.
Independents. ASME.



Mattes
McGrath
Merz

May
McIlroy
Messner

McColl
McHenry
Miazga

McDonald
McKenzie
Middeler

McGinnis
Mengel
Milburn

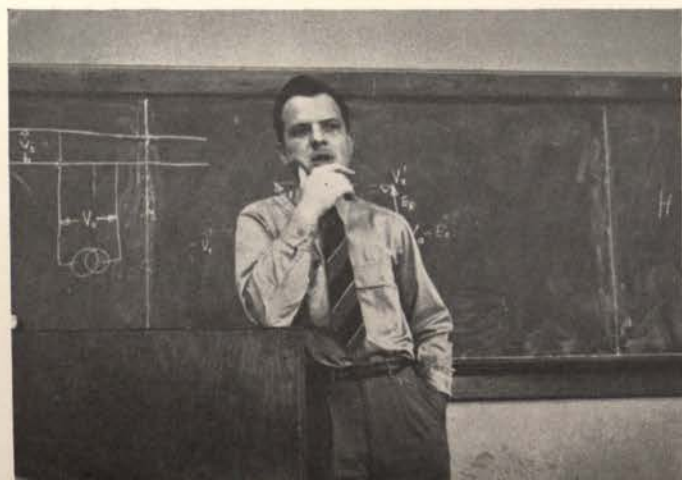
Krausnick, Charles C.....M. E.....St. Louis, Mo.
AIEE. ASME. Photo Club. Transfer Oklahoma University.
Kronsberg, Francis N.....E. E.....St. Louis, Mo.
Jackling Terrace Council. Honor List.

Kuse, Quentin.....Sci.-Geol.....St. Louis, Mo.
Sigma Nu. Missouri Academy of Science '44-'45. Miner
Board '45. Gamma Delta President '45. Secretary '46.

Lacke, John P., Jr.....Min. E.....Cuba City, Wisc.
Honor List '48. AIME. Transfer Wisconsin Institute of Tech-
nology.

Lafferty, Loren.....Chem. E.....Rolla, Mo.
Alpha Chi Sigma. AICHE. ACS. Transfer Southwest Bap-
tist College.

Laird, Edward William.....Cer. E.....Rolla, Mo.
Tau Beta Pi '48-'49. Phi Kappa Phi Bookplate '46-'47. Honor
List. Keramos '47-'48-'49. American Ceramics Society Secre-
tary '48-'49.



"Is that so!?"

LaMaster, Chesley C.....M. E.....Rolla, Mo.
ASME.
Lambe, James N.....Met. E.....Webster Groves, Mo.
Honor List.
Lanham, Thomas George.....E. E.....St. Joseph, Mo.
Transfer St. Joseph's Junior College.
LaRose, Bernard A.....Chem. E.....Crystal City, Mo.
Triangle. Honor List. Alpha Chi Sigma. SAME. ROTC Ser-
geant and Second Lieutenant.
Laumand, James L.....C. E.....Brentwood, Mo.
ASCE. Transfer Southeast Missouri State College.
Lawrence, John Gilbert.....E. E.....Alton, Ill.
Transfer Shurtleff College.
Lawrence, W. J.....M. E.....Springfield, Mo.
Engineers Club. ASME. Transfer Southwest Missouri State
Teachers College.



Schaefer pays off.



Miller, D. N.
Moeller
Mulinauy

Miller, F. J.
Monroe
Mulligan

Miller, L. L.
Moran
Myers

Miller, R. M.
Morlock
Neely

Miller, W. L.
Mudd
Newton

Leinon, Clyde Henry.....Min. E.....Hurley, Wisc.
Lemp, Kenneth Henry.....M. E.....St. Louis, Mo.
ASME. Transfer Harris Junior College.
Lenox, William H.....C. E.....Rolla, Mo.
Sigma Nu. Tau Beta Pi Treasurer '47-'48-'49. Honor List.
Phi Kappa Phi Scholastic Award '42. Phi Kappa Phi Book-
plate. Phi Kappa Phi.
Lenzini, Charles.....Met. E.....Orient, Ill.
Engineers Club '42-'43. Honor List '46-'47. AIME. Basket-
ball "B" Team '46-'47.
Leonard, Edward C.....Min. E.....Platteville, Wisc.
Lester, Howard Eugene.....C. E.....Rolla, Mo.
Sigma Phi Epsilon Junior Marshal, Comptroller. ASCE.
ARBA. Glee Club '46. Transfer Westminster College.
Letizia, Daniel P.....C. E.....Rolla, Mo.
AIEE. ASCE. Honor List.

Levy, David Reuben.....M. E.....St. Louis, Mo.
Alpha Epsilon Pi. St. Pat's Board. Transfer Harris Teach-
ers College.
Lieb, Raymond John.....Chem. E.....East St. Louis, Ill.
AIChE. Alpha Chi Sigma. Students Assistant Chemical
Department.
Lightfoot, Edward S.....C. E.....Rolla, Mo.
ASCE. Honor List. Transfer Southeast Missouri State Teach-
ers College. Student Assistant C. E. Department.
Line, Donald Lamar.....M. E.....Rolla, Mo.
Honor List.
Line, Myrl Kenneth.....M. E.....Rolla, Mo.
Phi Kappa Phi Bookplate '46. ASME.
Lloyd, Charles Hugh.....C. E.....Rolla, Mo.
Kappa Sigma. Photo Club. ASCE. Student Assistant C. E.
Department.
Lockett, Donald Neil.....M. E.....White Hall, Ill.
ASME. Transfer Shurtleff College.



Section closed.

Loeb, Otto.....Chem. E.....Amsterdam, Netherlands
Honor List '48. American Chemical Society. AIChE. Photo
Club. Transfer Technical University of Delft and Columbia
University.
Long, Thomas B.....E. E.....St. Louis, Mo.
Triangle Treasurer, Assistant Treasurer, Recording Secretary.
Tau Beta Pi. Phi Kappa Phi. AIEE. SAME President, Treas-
urer. Rollamo Board Secretary.
Lucker, Robert Lawrence.....Chem. E.....Alton, Ill.
Honor List. Transfer Shurtleff College.
McCallister, Odis LeRoy.....M. E.....Greenfield, Mo.
Triangle. Missouri Academy of Science. ASME. Miner
Board News Staff. ROTC Officer. Honor List. Student As-
sistant Drawing Department.
McClelland, Roland H.....Cer. E.....Kansas City, Mo.
Missouri Academy of Science. American Ceramics Society.
Photo Club. Transfer Kansas City Junior College.



Niemiste
Opfer
Pace

Norman
Oram
Padfield

O'Brien
Osborne
Painter

Ochs
Ostmann
Pankiewicz

McCoid, Robert L.....E. E.....Venice, Ill.
Alpha Phi Omega. Institute of Radio Engineers. Radio
Club. Transfer Texas A. & M.
McColl, Gerald Dean.....Min.-Pet.....Rolla, Mo.
Honor List. Transfer Central College and University of Mis-
souri.
McCord, Monte W.....C. E.....Herrin, Ill.
Honor List '48. ASCE. Football '46-'48. Stamp Club. "M"
Club. Transfer University of Illinois.
McDonald, John Elmer.....E. E.....Keiser, Ark.
AIEE. Transfer Arkansas State College.
McDowell, Roy C.....M. E.....Rolla, Mo.
NYA Assistant. Alpha Phi Omega. ASME.
McElhiney, Robert S.....M. E.....St. Louis, Mo.
Engineers Club. ASME.

Closer, Jim.

Senior Class of Forty-Nine

McFarland, Charles E.....Physics.....Kirkwood, Mo.
Engineers Club. Phi Kappa Phi. Phi Kappa Phi Bookplate.
Honor List. James Scholarship. American Association of
Physics Teachers. Student Assistant Physics Department.

McGinnis, William Coburn.....Physics.....Calico Rock, Ark.
Physics Ferreters. Honor List. Transfer Arkansas State
College.

McGrath, J. B.....C. E.....St. Louis, Mo.
Theta Kappa Phi Sergeant-at-Arms, Pledge Manager. Foot-
ball. "M" Club President. Theta Tau. St. Pat's Board
Treasurer, President. Blue Key. ASCE.

McHenry, L. Charles.....Min.-Geol.....River Mines, Mo.
Transfer Junior College of Flat River.

McIlroy, Paul.....Min. E.....Poteau, Okla.
ROTC Band. Engineers Club.

Maguire, John D.....E. E.....Carbondale, Ill.
Engineers Club Intramural Manager. AIEE. Transfer South-
ern Illinois University.

Mann, Willis E.....E. E.....Rolla, Mo.
Transfer Southwest Baptist College.

Marino, John Patrick.....C. E.....Kansas City, Mo.
Honor List. Engineers Club. ASCE.

Martin, Raymond Louie.....E. E.....Pascola, Mo.
AIEE. IRE Chairman Membership Committee.

Martin, Robert Lee.....Chem. E.....Tulsa, Okla.
AIChE. AIEE. Tau Beta Pi. Honor List. Phi Kappa Phi.
Phi Kappa Phi Bookplate. Student Assistant Chemical De-
partment.

Marting, Richard E.....E. E.....St. Louis, Mo.
Kappa Sigma Grand Scribe '47-'48. Tau Beta Pi. AIEE.
ASME. SAME. Gamma Delta.



Parsons
Perry, J. D.
Pollish

Peden
Perry, R. C.
Pomeroy

Peck
Peterson
Poppitz

Penman
Phelps
Pounds

Pering
Pipkin
Prater

Perkins
Plummer
Propst

Maag, Raymond Harry.....Chem. E.....St. Louis, Mo.
Engineers Club '46-'48. Independents '46-'48. Tau Beta Pi
'47. Phi Kappa Phi Bookplate '46. Honor List '46-'47.
AIChE '47-'48. Track '46-'48. Cross Country '47-'48. "M"
Club '49. Student Council Alternate '48. Wesley Founda-
tion '48. Student Assistant Library.

Mabrey, William Lee.....E. E.....Fornfelt, Mo.
Sigma Pi Vice-President. Transfer Cape State College and
Stanford University.

Maddox, James Arthur.....E. E.....Springfield, Ill.
Honor List. Engineers Club. Triangle Vice-President. Stu-
dent Council. AIEE. President Sophomore Class '44.

Magruder, William H.....Met. E.....Portsmouth, Va.
Kappa Alpha '47-'48-'49. Tau Beta Pi '48-'49. Phi Kappa
Phi '49. Phi Kappa Phi Bookplate '46-'47-'48. Honor List
'43-'46-'47-'48. Blue Star Award '43-'44. ASM '47-'48-'49.
AIME '48-'49. ROTC Staff Sergeant '47. First Lieutenant '48.
SAME '46-'47. Inter-Fraternity Council '47-'48-'49. President
'48-'49.

Marzano, Anthony M.....E. E.....New York, N. Y.
AIEE. IRE. St. Patrick Study Club. Transfer Cooper Union
School of Engineering and New York University of Com-
merce and Finance.

Mason, William Lockwood.....E. E.....St. Louis, Mo.
Lambda Chi Alpha. Honor List. Fencing Club.

Mathes, Louis S.....Chem. E.....Long Beach, Miss.
AIChE.

Mattes, Henry O.....Met. E.....Canton, Ohio
Sigma Nu Reporter, Social Chairman, Pledge Captain. ASM.
Transfer Mount Union College.

May, Bert.....E. E.....Sioux Falls, S. Dak.
Honor List. Engineers Club.

May, Ralph W.....E. E.....St. Joseph, Mo.
Honor List. AIEE. Student Assistant E. E. Department.
Transfer Illinois College.

Senior Class of Forty-Nine

Mead, William Earl.....Sci.-Geol.....Gouverneur, N. Y.
Tau Beta Pi. Honor List '46-'47-'48. Transfer Webb Institute of Naval Architecture and Marine Engineering.

Mengel, Edmund L.....M. E.....Rolla, Mo.
ASME Secretary '48. Transfer St. Ambrose College.

Menze, Richard J.....Met. E.....Kansas City, Mo.
ASM. AIME. Transfer Park College.

Merz, Kurt J.....M. E.....Granite City, Ill.
Honor List '46-'47-'48. Transfer Illinois University.

Messner, George P.....E. E.....New York, N. Y.
Engineers Club. AIEE.

Meyer, Harland Louis.....M. E.....St. Louis, Mo.
Football '46-'47-'48-'49. "M" Club '48-'49. ASME '48-'49.
ROTC Staff Sergeant '47. Honor List '45-'46. Phi Kappa Phi
Bookplate '46.

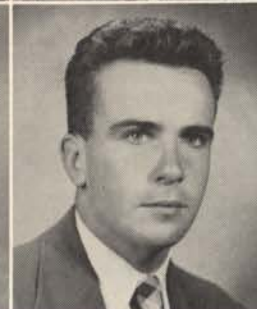
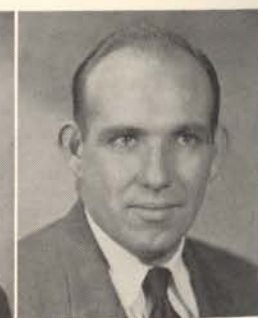
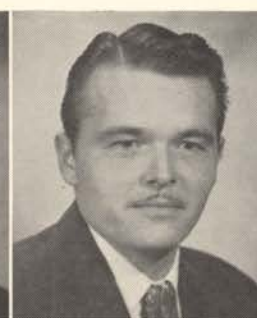
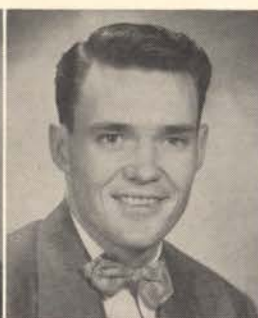
Miller, Fred J., Jr.....C. E.....St. Louis, Mo.
Kappa Sigma Secretary '44. Vice-President '44-'45. ASCE.
Inter-Fraternity Council '44-'45.

Miller, George P.....Met. E.....Conway, Ark.
Tech Cooperative Club '48-'49. Transfer Arkansas State
Teachers College.

Miller, Lester Lee.....C. E.....Granite City, Ill.
Lambda Chi Alpha Social Chairman. ASCE. American
Road Builders Association. Rollamo Board Sports Editor
'46. Wesley Foundation.

Miller, Robert M.....Min. E.....Washington, D. C.
Honor List '48. Transfer New Mexico Military Institute and
University of Uruguay.

Miller, William Louis.....Chem. E.....Rochester, Ill.
AICHe '47-'48. Transfer Springfield Junior College.



Quinn
Reichelt
Ronald

Randle
Reiss
Root

Ratcliff
Remington
Rose

Roy
Robison
Rosenbaum

Redd
Robison
Ross

Reed
Rohr
Rowley

Miazga, Joseph F.....Chem. E.....Ludlow, Mass.
Kappa Alpha Order Pledge Master '47. President '47-'48.
Alpha Chi Sigma. AICHe.

Michael, Grover Lee.....Cer. E.....Frederick, Md.
American Ceramics Society '47.

Middeler, Joseph F., Jr.....Chem. E.....Louisville, Ky.
Independents '48. Alpha Chi Sigma '48-'49. AICHe '47-'49.
Student Assistant Chemical Department.

Milburn, Robert E.....M. E.....Kansas City, Mo.
APO. ASME. Wesley Foundation. Transfer Kansas City
(Mo.) Junior College.

Miller, Chester E.....Min. E.....Elizabeth, Pa.

Miller, Daniel Newton.....Geol.....Ferguson, Mo.
Tech Club '42-'43. AIME. Student Council Alternate.
Transfer Michigan State College and Southeast Missouri
State. Student Assistant Geology Department. Intramural
Wrestling. Cross Country. Air Force Reserve Unit.

Miller, William M.....Min. E.....Mercer, Wisc.
Student Assistant Mining Department '48. Transfer Wisconsin Institute of Technology.

Mitchell, John William.....Met. E.....Birmingham, Ala.
American Foundrymen's Association '47-'48. Publicity Chairman.
Chairman. Transfer Snead Junior College and Howard College.

Mittino, John Angelo.....E. E.....Rolla, Mo.
Miner Board '46-'47. Theta Kappa Phi. ROTC First Lieutenant
'47. SAME '47. First Vice-President '48. Detonators
President.

Moeller, Richard Elmer.....M. E.....St. Louis, Mo.
ROTC Band '45-'46-'47. Sigma Nu. Music Club Treasurer
'45. Student Assistant Library '46.

Monroe, Harley LeRoy.....Min. E.....Mt. Hope, Wisc.
AIME. Transfer Wisconsin Institute of Technology.



"We'll get it yet."



Liberal education.



Ryan
Sarzin
Schalk

Sakonyi
Schaefer, E.
Scheid

Sanders
Schaefer, P.
Schirmer

Sappington
Schaffrodt
Schlemer

Montalto, Conrad Robert.....E. E.....Rolla, Mo.
Honor List '47. Transfer Pratt Institute, Columbia University and Brooklyn College.
Moran, John Thomas.....Min. E.....Carlinville, Ill.
Transfer Blackburn College. Chi Sigma. Student Assistant Mining Department '47-'48. Engineers Club '48-'49.
Morgan, William Allen.....E. E.....Joplin, Mo.
Phi Kappa Phi. Phi Kappa Phi Bookplate. AIEE. Transfer Joplin Junior College.
Morgan, William J.....Chem. E.....Waterloo, N. Y.
AICHe '48-'49. Honor List '46.
Morlock, Robert Francis.....Min.-Pet.....St. Joseph, Mo.
Theta Kappa Phi Pledge Master, Steward, Vice-President. Theta Tau. AIMME. Rollamo Business Manager. Intramural Athlete '46-'47. Intramural Tennis Doubles Champion '46-'47-'48. Golf Medalist '48. Honor List '45-'46-'47.
Mudd, Anthony A.....E. E.....Kansas City, Mo.
AIEE. Transfer University of Kansas City.

Mulinaux, Clifton K.....C. E.....Rolla, Mo.
Honor List '47-'48. Transfer St. Ambrose College.
Mulligan, John J.....Min.-Geol.....Monroe, N. Y.
Engineers Club '46-'47. Honor List '45-'46. Phi Kappa Phi Bookplate '46.
Murrell, James R.....Chem. E.....West Plains, Mo.
Transfer Southern Missouri State, Central Missouri State. AICHe '46-'47.
Myers, Bob B.....C. E.....St. Joseph, Mo.
Beta Theta Pi. ASCE. American Road Builders Association. Transfer Rutgers University.
Myers, Earl R.....Chem. E.....Rolla, Mo.
Student Assistant Library '46-'47-'48-'49. AICHe '46-'47-'48. Transfer St. Joseph's Junior College.
Myers, Howard R.....C. E.....Woodriver, Ill.
Transfer Shurtleff College. ASCE.
Neal, John Franklin.....Chem. E.....Cape Girardeau, Mo.
Transfer Southeast Missouri State College.

Senior Class of Forty-Nine

Needham, John J.....Geol.....Rolla, Mo.
 ROTC Band '45-'46-'47-'48. Missouri Academy of Science
 '46-'47-'48. Student Assistant Drawing Department '46.
 AICHE '46-'47. ROTC Sergeant '47. Tau Beta Pi '48-'49.
 Honor List '45-'46-'47-'48. Phi Kappa Phi Bookplate '45-'46.

Neely, James M., Jr.....M. E.....Kirkwood, Mo.
 Gamma Delta.

Newton, Philip.....M. E.....Bronxville, N. Y.
 ASME '48-'49.

Niederstadt, Norman A.....Chem. E.....East St. Louis, Ill.
 Tau Kappa Epsilon. Basketball '47-'48. Alpha Chi Sigma
 '48-'49. Blue Key '48-'49. "M" Club '48-'49. Tau Beta Pi
 '48-'49. Honor List '46-'47-'48.

Niemiste, Wilbur Emerson.....Met. E.....Eveleth, Minn.
 AIME '46. Gamma Delta.

Norman, Amos.....M. E.....Kansas City, Mo.
 Tau Beta Pi. Phi Kappa Phi. Phi Kappa Phi Bookplate.
 Honor List. ASME.

O'Brien, Richard Clark.....Met. E.....Sutton, W. Va.
 Sigma Phi Epsilon. Engineers Club '47. Honor List '46.
 AIME. ASM. Transfer Lyons Township Junior College.

Ochs, Calvin M.....M. E.....Perryville, Mo.
 ASME '46-'49. Gamma Delta Secretary '48. Transfer Uni-
 versity of Minnesota.

Olfe, Carl Otto.....E. E.....St. Louis, Mo.
 Kappa Sigma.

Opfer, Elmer August.....Sci.-Geol.....Fairbury, Nebr.
 Transfer Fairbury Junior College and Colorado State College.

Oram, Peter McMillan.....Min. E.....Port Washington, N. Y.
 AIME. Wesley Foundation. Honor List '47-'48. Transfer
 Cornell University and Colorado School of Mines.



Schluster
 Schneider, R. A.
 Seelig

Schmidt
 Schneider, R. B.
 Sessen

Schmitt, J.
 Schuler
 Sevick

Schmitt, P.
 Schuster
 Shaver

Schowalter
 Schweder
 Shaw, R.



Osborne, John H.....Min.-Pet.....Charleston, Mo.
 Engineers Club '46-'47-'48-'49. Independents '47-'48. Jack-
 ling Terrace Council '48-'49. Honor List '45-'46-'47. Phi
 Kappa Phi Bookplate '46.

Ostmann, Robert F.....M. E.....St. Charles, Mo.
 Engineers Club. ASME. Rifle Marksmanship '46. Photo
 Club. Gamma Delta Vice-President '46. Treasurer '47.

Otto, Richard Marian.....E. E.....Crystal City, Mo.
 Triangle. ROTC Staff Sergeant, Second Lieutenant, First
 Lieutenant. SAME '47. Second Vice-President '48. Student
 Assistant Civil Department '47-'48.

Pace, John Henry.....C. E.....St. James, Mo.
 ASCE. ARBA. Transfer Central Missouri State Teachers
 College.

Padfield, Ralph Charles.....Cer. E.....St. Louis, Mo.
 Kappa Sigma '47-'48. Grand Procurator '47. Engineers Club
 '45. Honor List '46-'47-'48. Keramos Editor "Mud Slinger".
 ASC. Photo Club '46. Secretary-Treasurer '47-'48. St. Pat's

Executive type.

Board '48. Miner Board '46-'47-'48. Transfer Southeast Missouri State Teachers College. Student Assistant Ceramics Department '45.

Painter, John LeRoy.....C. E.....Afton, Okla. Sigma Nu. ASCE '48-'49. Transfer Missouri Valley College.

Pankiewicz, Charles E.....C. E.....St. Joseph, Mo. ASCE. Transfer Rutgers University.

Pantaleo, Anthony J.....Min.-Pet.....DuQuoin, Ill. Triangle. ROTC First Lieutenant, Second Lieutenant, Captain. SAME '47. Treasurer '48. Second Vice-President '48. Golf Team '47-'48.

Parson, Robert R.....C. E.....Herrin, Ill. ASCE '48-'49.

Paulick, Edward E.....M. E.....Lemay, Mo. Honor List '47-'48. Transfer Harris Junior College.



Free mixer.



Shaw, W.
Siegel
Slusher

Short
Simmons
Smith, L.

Shroyer, B.
Simonds
Smith, O.

Shroyer, R.
Sindelar
Smith, P.

Shute
Slawsky
Snow

Payne, Warren E.....E. E.....Springfield, Mo. Engineers Club '48-'49. Honor List '47. Transfer Southwest Missouri State College and Drury.

Peden, William Ross.....E. E.....Rolla, Mo. Phi Kappa Phi Bookplate '46-'47. Honor List '46-'47. Alpha Phi Omega '47-'48. AIME '48.

Penman, Robert R.....Met. E.....Rolla, Mo. ASM '48-'49. Student Assistant Metallurgy Department '48-'49.

Pering, Thomas H.....M. E.....Springfield, Mo. ASME '48-'49. Honor List '47-'48.

Perkins, Therold W.....M. E.....Syracuse, Mo. ASME '48-'49. Honor List '46-'47-'48.

Perko, Robert A.....E. E.....St. Louis, Mo. Engineers Club '47. AIEE '47-'48. Jackling Terrace Council '46. Gamma Delta '46-'47-'48. Treasurer '48. Transfer Harris Junior College.

Perry, John David.....Physics.....Rolla, Mo. Physics Ferreters. Fencing Club.

Perry, Robert C.....M. E.....Crystal City, Mo. Triangle Vice-President '48. Tau Beta Pi. Phi Kappa Phi Bookplate. Honor List '46-'47-'48. Blue Key President '48. ASME. Missouri Academy of Science '42. Basketball '47-'48-'49. ROTC Band '42. Rollamo Board '47-'48-'49. Sports Editor '48.

Petersen, K. C.....Min. E.....St. Louis, Mo. Triangle '42-'45-'46-'47-'48-'49. Recording Secretary '45-'46. President '46-'47.

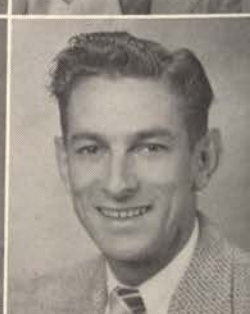
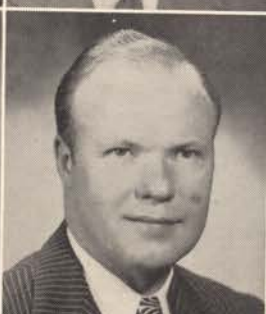
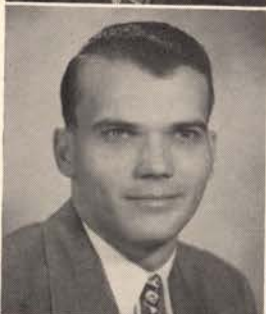
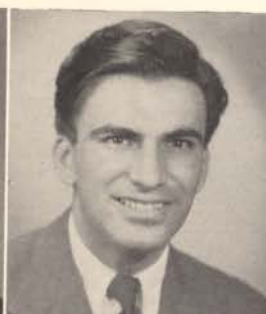
Peterson, K. F.....Met. E.....Sherwood, Ore. ROTC Sergeant, Second Lieutenant. SAME '47-'48. Alpha Chi Sigma '48. ASM '48-'49. Kappa Alpha '47-'48-'49. Honor List '46-'47-'48. Transfer State University of Iowa and Baylor University.

Pipkin, L. Murray.....Min. E.....Springfield, Ill. Football '46-'47-'48. Independents '47-'48. Transfer Springfield Junior College.



Ain't love grand?

Plummer, Thomas P., Jr.....E. E.....Philadelphia, Pa.
Honor List '48. Alpha Phi Omega. AIEE.
Pollish, Lloyd.....Min. E.....Beloit, Wisc.
Engineers Club. Honor List. AIME.
Pomeroy, Frank N.....E. E.....Springfield, Mo.
AIEE. IRE. Transfer Southwest Missouri State College.
Poppitz, Reinhold A.....E. E.....St. Louis, Mo.
Lambda Chi Alpha '45-'49. Publications Editor. Blue Key
'48-'49. Theta Tau '47-'49. AIEE Secretary '49. Rollamo
Board '45-'49. Business Manager '48. Gamma Delta Vice-
President '48. Secretary-Treasurer Freshman Class. Presi-
dent Sophomore Class. Manager Football Team '45-'46.
Pounds, Ivor.....Met. E.....Ashland, Ore.
Sigma Nu. Theta Tau. ASM Vice-President, President.
Swimming '47-'48-'49. Captain '49. Miner Board '46-'49.
Advertising Manager '48. Student Assistant Athletic De-
partment '45-'49. "M" Club.



Spanberger
Stahl
Stobie

Spinali
Starkweather
Stovall

Springer
Stein, H.
Strubert

Springstube
Stein, J.
Subitsky



Prater, Robert Russell.....M. E.....Springfield, Ill.
Transfer Springfield Junior College.
Presnell, Robert E.....Chem. E.....St. Joseph, Mo.
Transfer Fordham University and St. Joseph Junior College.
Propst, Irvin Luther.....M. E.....Lemay, Mo.
Pi Kappa Alpha. ASME. SAME Secretary. Assistant Treas-
urer. Membership Chairman. President.
Quevreaux, Wilbur F.....M. E.....Webster Groves, Mo.
Shamrock Club '43. Tau Beta Pi. Honor List '46-'47-'48.
ASME. Transfer Iowa State College.
Quinn, Joseph S.....Min. E.....Sedalia, Mo.
Sigma Nu '43-'46-'47-'48. Lieutenant Commander '48. En-
gineers Club '43. AIME. Transfer Iowa State College.
Ramsey, J. R.....Min. E.....Warrenton, Mo.
Randle, Joe E.....C. E.....West Burke, Vt.
ASCE '48-'49.

Congratulations Bob!

Senior Class of Forty-Nine

Ratcliff, John J.....C. E.....Kansas City, Mo.
Pi Kappa Alpha House Manager '46. President '48. ASCE.
Student Council '46. St. Pat's Board '48-'49. Miner Board
'46.

Ray, Andrew.....M. E.....St. Louis, Mo.
ASME. Transfer St. Louis University, Harris Teachers Col-
lege, Columbia University, Westminster College.

Raymer, Gordon E.....C. E.....St. Louis, Mo.
Kappa Sigma President '48. Inner Guard '47. Engineers
Club '46. CVA '46. Honor List. ASCE Secretary '47. Miner
Board. Transfer Southeast Missouri State Teachers College.
Mid-Continent Conference Student Chapters of ASCE Dele-
gate '48. Secretary-Treasurer '48.

Reed, William C.....M. E.....Roxana, Ill.
Shamrock Club '42-'43.

Reisner, Peter E.....Chem. E.....Kansas City, Mo.
AICHe '46-'47-'48-'49. Alpha Epsilon Pi '47-'48-'49. Ex-
chequer '47-'48. House Manager '48-'49. St. Pat's Board
'47-'48. Honor List '47. Transfer Kansas City Junior College.

Reiss, Joseph J.....M. E.....St. Louis, Mo.
Sigma Nu Recorder, Marshal, Historian. Honor List. Theta
Tau. ASME. Miner Board Business Manager. Transfer
Creighton University.

Remington, Charles R., Jr.....M. E.....Rolla, Mo.
Lambda Chi Alpha '42-'49. ASME '48-'49. Glee Club Secre-
tary-Treasurer '47-'48.

Rice, Daniel Paul.....E. E.....St. James, Mo.
Phi Kappa Phi Bookplate '46-'49. Honor List '47-'48. AIEE.

Rice, John Hudson.....Chem. E.....Rolla, Mo.
Honor List '47-'48. Alpha Chi Sigma '48-'49. AICHe Presi-
dent '48-'49. Transfer Coffeyville Junior College. Student
Assistant Chemistry Department '48-'49.



Sullivan	Sutton	Szumachowski	Tanner	Teas	Telthorst
Thielker	Thompson, H.	Thompson, R.	Thorp	Tichy	Tindall
Tippit	Tittman	Toomey	Tothill	Trotter	Tucker

Reed, Charles J.....Physics.....Willow Springs, Mo.
Student Assistant Veterans Administration '47-'48. AIEE
'47-'48. ROTC Second Lieutenant '48-'49. Physics Ferreters
'48-'49. Secretary '48-'49. Honor List '46-'47.

Reed, Raymond W.....Min. Pet.....Springfield, Ill.
Independents '47-'48. Transfer Springfield Junior College.

Reichelt, Robert E.....E. E.....St. Louis, Mo.
Engineers Club Secretary-Treasurer. "M" Club President,
Treasurer. AIEE. Football '43-'46-'47-'48.

Reilly, John Gay, Jr.....Met. E.....Rolla, Mo.
Lambda Chi Alpha Secretary '47-'48. Pledge Master '48-'49.
Engineers Club '43. Blue Key Secretary-Treasurer '47. Vice-
President '48. Theta Tau Vice-President '47. President '48.
AIME. AFS Secretary '47. Pan-American Club. Inter-
Fraternity Council '48. Vice-President Junior Class.

Reinkensmeyer, Norman W.....Min. E.....Hoyleton, Ill.
Engineers Club '47-'48. Honor List '46-'47.

Ritt, Russell.....C. E.....Little Rock, Ark.
Honor List '48. ASCE. American Road Builders Association.

Roark, Bill Roy.....Min. Pet.....Anderson, Mo.
Basketball '47-'48.

Roberson, James K.....Min. E.....Rolla, Mo.
Transfer Southeast Missouri State College.

Roberts, Warren W.....M. E.....Colchester, Ill.
ASME '47-'48-'49. Transfer Western Illinois State Teachers.

Robinson, Forrest Glen.....C. E.....Edwardsville, Ill.
ASCE. ARBA. Transfer University of Dubuque, Marquette
University and Shurtleff College.

Robinson, Leslie B.....C. E.....Cape Girardeau, Mo.
Sigma Pi House Manager '48-'49. Student Council '48-'49.
Transfer Southeast Missouri State College.

Rohr, M. Robert.....Chem. E.....Springfield, Mo.
James Scholarship '48. Alpha Chi Sigma '47-'49. Master
of Ceremonies '49. AICHe '47-'49.

Senior Class of Forty-Nine

Ronald, William Richard.....M. E.....St. Louis, Mo.
ASME. Transfer Harris Teachers College.
Root, Robert L.....Min. E.....Marquette, Kans.
Honor List '46-'47-'48. AIME '46-'47. Student Assistant Mining Department '47-'48-'49.
Rose, Harry Louis.....Min. E.....Racine, Wisc.
Transfer Wisconsin Institute of Technology.
Rose, Robert T.....C. E.....Godfrey, Ill.
ASCE. Transfer Shurtleff College
Rosenbaum, Seymour.....Met. E.....New York, N. Y.
Alpha Epsilon Pi '46-'49. Master. Exchequer, '47. Recorder '48. Engineers Club '46-'47. ASM '47-'49. AIME '46-'49. Student Council '47. Inter-Fraternity Council '48.
Ross, Charles J.....M. E.....St. Louis, Mo.
Honor List '46. "M" Club. ASME. Tennis '46-'47-'48. Inter-Fraternity Council Vice-President. Transfer Washington University. Student Assistant '47-'48.

Sanders, Raymond L.....Min.-Geol.....Levasy, Mo.
Honor List '47-'48.
Sappington, Walter L.....C. E.....Poplar Bluff, Mo.
Tech Club '41-'42. Engineers Club '46-'47-'48-'49. ASCE.
Sarzin, Julius L.....E. E.....Brooklyn, N. Y.
Tau Beta Pi. Phi Kappa Phi Bookplate '47. Honor List '46-'47-'48. AIEE '47-'48. AIEE-IRE '49. Vice-Chairman '48. Chairman '49. Transfer Brooklyn College and Cornell University.
Schaefer, Emmett A.....C. E.....Higginsville, Mo.
Phi Kappa Phi. ASCE.
Schaefer, Paul F.....E. E.....Joplin, Mo.
Honor List '46-'47. Transfer Joplin Junior College and Mississippi State College.
Schaffront, James E.....Met. E.....Woodhaven, N. Y.
Tau Kappa Epsilon '47-'48-'49. Vice-President '48-'49. Honor List '46. American Foundrymen's Society '48-'49.



Turk
Viles
Weissmann

Turner
Vreeland
Wells

Tweedy
Wagner
Werner

Twombly
Weber, A.
West

Tyrer
Weber, J.
Whitlock

Vaughn
Weismantel
Wilks

Ross, Floyd F.....E. E.....Dexter, Mo.
Ross, Harvey D.....Met. E.....Palmyra, Mo.
Engineers Club '41-'42-'46-'47-'48. Board of Control '47. ASM '47-'48.
Routh, Rayferd D.....M. E.....St. Louis, Mo.
ASME. Transfer Missouri University and Harris Teachers.
Rowley, Kermit Guy.....Min.-Geol.....Shawneetown, Ill.
Honor List '47-'48.
Russell, Raymond H.....C. E.....Little Rock, Ark.
Honor List '47. ASCE '48-'49.
Ryan, George Porter.....E. E.....Rolla, Mo.
AIEE. Transfer Fordham University.
Ryan, Jerry D.....Chem. E.....St. Louis, Mo.
Honor List '45-'46-'47. AICHE '47-'48-'49. Student Assistant Chemistry Department '47-'48.
Sakonyi, Frank W.....E. E.....Orient, Ill.
AIEE '48-'49.

Schalt, Norbert.....E. E.....St. Louis, Mo.
Phi Kappa Phi. AIEE. Transfer Pennsylvania State.
Scheid, Marlyn Jack.....E. E.....Rolla, Mo.
Schirmer, William A.....M. E.....St. Louis, Mo.
Kappa Sigma Guard '46. Grand Master of Ceremonies '47. Vice-President '48. Honor List '45-'47. ASME '47-'49. Rifle Club '44-'46-'47. Photo Club President '48-'49.
Schlemer, Lee Roy.....C. E.....Edwardsville, Ill.
Phi Kappa Phi. ASCE. ARBA. Transfer Shurtleff College and Washington University.
Schluster, Richard J.....Min.-Pet.....Belleville, Ill.
ROTC Band '48. Transfer Wittenburg College.
Schmidt, Arthur Lee.....Chem. E.....Webster Groves, Mo.
Engineers Club. "M" Club. Football.
Schmidt, E. Murray.....Cer. E.....Hinsdale, Ill.
Kappa Alpha Order Athletic Manager. Blue Key. Theta Tau. American Ceramics Society. Basketball '46. ROTC Band. ROTC Master Sergeant. Miner Board. Transfer La-Grange Junior College.



We tried.

Shh . . . We're studying.



Willis
Wissel
Wood

Wirfs
Withers
Workman

Wisco
Witherspoon
Wright, F.

Wisdom
Wolfe
Wright, J. W.

Schmitt, James C. Chem. E. Alton, Ill.
Alpha Chi Sigma. AICHe. Swimming Team '47-'48.
Schmitt, Paul J. Cer. E. Waterloo, Ill.
Theta Kappa Phi '47-'48-'49. Honor List '48. Keramos '48-'49.
Schmitz, John Fred. E. E. Albertson, N. Y.
Shamrock Club '42-'43. Blue Key Plaque '42. Photo Club
'47-'48. Radio Club '46-'47-'48. Secretary-Treasurer '46-'47.
Student Assistant Business Office '42-'43.
Schneider, Richard A. E. E. St. Louis, Mo.
Tau Beta Pi. AIEE. Gamma Delta. Transfer University of
Louisiana.
Schneider, Robert B. E. E. Springfield, Mo.
AIEE '48.
Schowalter, Ralph E. M. E. St. Louis, Mo.
Sigma Phi Epsilon '47-'48-'49. President '48-'49. Inter-
Fraternity Council Representative '47-'48. Shamrock Club
'42. Tech Club '42-'43. Engineers Club '46-'47. President

'47. Honor List '46-'47-'48. Alpha Phi Omega '47-'48-'49.
Theta Tau '47-'48-'49. Treasurer '48-'49. ASME '46-'47-'48-
'49. Inter-Fraternity Council '47-'48.
Schuler, Leonard L., Jr. E. E. Ferguson, Mo.
Engineers Club '42-'46-'47-'48-'49. Independents '42-'46-'47-
'48. AIEE '47-'48-'49. Campus Vets '46-'47. Student Coun-
cil '46-'47. Detonators '41-'42. Transfer St. Louis University.
Schultz, Edward C. C. E. Rolla, Mo.
Honor List '48. Transfer Southeast Missouri State. Student
Assistant Civil Department '47-'48-'49.
Schuster, Martin E., Jr. Met. E. St. Louis, Mo.
Lambda Chi Alpha '44-'45-'46-'47-'48. Secretary '44. AIME.
Glee Club. ROTC Band. Inter-Fraternity Council.
Schweder, Henry P. Chem. E. Kansas City, Kans.
Kappa Alpha. Tau Beta Pi. Alpha Chi Sigma. AICHe.
Student Council. Transfer Kansas City (Kans.) Junior College.
Scott, Marvin D. Chem. E. Newburg, Mo.
Engineers Club '40-'41.



Jam session!!

Shaver, Arthur Joseph.....C. E.....St. Louis, Mo.
Sigma Phi Epsilon '47-'49. Guard. Engineers Club '46-'47.
ASCE '46-'49. SAME. St. Pat's Board '48-'49.
Shaw, Robert J.....M. E.....Leadwood, Mo.
ASME.
Shaw, William H.....C. E.....Illmo, Mo.
ASCE. American Road Builders Association. Transfer South-
east Missouri State College.
Short, Keith E.....C. E.....Rolla, Mo.
Blue Key. Theta Tau. ASCE Secretary. American Road
Builders Association.
Shroyer, Bettie Lu.....Cer. E.....Rolla, Mo.
Pi Delta Chi '47. Keramos '48. Treasurer '48-'49. Transfer
Texas State College for Women.
Shroyer, Robert B.....Cer. E.....Rolla, Mo.
Tau Kappa Epsilon '47-'48-'49. Pledge Master '47-'48. Golf
Team '47-'48.



Wright, J. E.
Young, R.
Youngblood

Wundrack
Young, W.
Younghaus

Wunnenberg
Zvanut
Zurheide

Sears, John Henry.....E. E.....Webster Groves, Mo.
Kappa Alpha '46-'47-'48-'49.
Seelig, Albert F., Jr.....M. E.....Lemay, Mo.
Tech Club. Honor List '47. ASME. Student Council '48.
Transfer St. Louis University.
Serafini, Guy.....M. E.....Jasper, Mo.
Transfer Joplin Junior College. Student Assistant Civil De-
partment '48-'49.
Sessen, George V.....E. E.....West Plains, Mo.
Kappa Alpha Historian '46. AIEE. Student Council Alter-
nate '46. Transfer Drury College.
Sevick, Joseph George.....Met. E.....Yonkers, N. Y.
Honor List '47-'48. Transfer New York State College of
Forestry.
Sharp, Frank Wayne.....M. E.....Illmo, Mo.
ASME '48-'49. Transfer Southeast Missouri State College.

Shute, John Walter.....Geol.....Van Nuys, Calif.
Chi Sigma President '46-'47. Historian '48-'49. Tech Club
'42. C. V. A. '46. AIMME. St. Pat's Board '48-'49. Trans-
fer New York State Teachers College.
Sidie, Royal William.....E. E.-M. E.....St. Mary's, Mo.
Student Assistant Military Department '46-'47.
Siegel, William A.....M. E.....Kansas City, Kans.
Kappa Alpha '43-'46-'47-'48. Treasurer '46-'47. Vice-President
'47-'48. ASME '47-'48.
Simmons, Milton L.....Cer. E.....St. Louis, Mo.
Engineers Club '46-'47. Phi Kappa Phi Bookplate '46. Honor
List '48. Keramos. American Ceramics Society.
Simonds, Roy L.....E. E.....St. Joseph, Mo.
AIEE. IRE. Radio Club. Transfer St. Joseph Junior College.
Sindelar, Ernest C.....M. E.....Webster Groves, Mo.
Lambda Chi Alpha. ASME '46-'47.
Siracusa, Ernest J.....Met. E.....Crystal City, Mo.
Triangle '46-'47-'48-'49. ASM '48-'49.

Senior Class of Forty-Nine

- Skedzeleski, Karol A.....M. E.....Camden, N. J.
Sigma Pi Secretary '47. Historian '47. President '48. ASME
Photo Club. Transfer Fordham University.
- Slawsky, Martin Leo.....Met. E.....Albany, N. Y.
Engineers Club. Independents. Honor List. AIME. AFS.
ASM. Student Council. General Lectures Committee.
- Slusher, Robert C.....Min.-Pet.....Rolla, Mo.
Honor List '46-'47.
- Smith, Edward J.....E. E.....Vichy, Mo.
Phi Kappa Phi. Alpha Psi Omega. Phi Kappa Phi Book-
plate. AIEE. Glee Club. MSM Players. Transfer Ohio Uni-
versity and Washington University.
- Smith, Lowell T.....Met. E.....St. Louis, Mo.
ASM. AIME. AFS.
- Smith, Oliver Vernon.....Chem. E.....Pine Lawn, Mo.
Pi Kappa Alpha.
- Smith, Paul James.....E. E.....Hamilton, Ill.
- Smith, William Eugene.....Chem. E.....Springfield, Mo.
Alpha Chi Sigma '47-'48. AICHe '46-'47-'48.
- Snow, Damon.....M. E.....Kirkwood, Mo.
Honor List '46-'47.
- Spanberger, Lawrence, Jr.....E. E.....Granite City, Ill.
Chi Sigma. Engineers Club Intramural Manager. Independ-
ents. Tau Beta Pi. Phi Kappa Phi Bookplate. Honor List.
AIEE Treasurer. IRE Treasurer. Student Assistant Physics
Department.
- Spinali, Sam T.....E. E.....St. Louis, Mo.
AIEE. Transfer Stanford University.
- Springer, Frederick N.....M. E.....Houston, Texas
Kappa Alpha '46. Corresponding Secretary '46-'47-'48. Cen-
sor '48-'49. Engineers Club '45. Alpha Phi Omega '45. His-
torian and Sergeant-at-Arms '46. Treasurer '46. ASME '45.
AIME '49. Missouri Academy of Science '45. Secretary
'45. President '46. State Secretary '46. State President '47.
Cheerleader '48-'49. MSM Players '46. President '46-'47-'48.
Business Manager '48-'49. MSM-ROTC Band '45. Missouri
Miner '46. Exchange Editor '46-'47-'48. Board Secretary
'48-'49. Alpha Psi Omega President '47-'48.
- Springstube, Charles P.....M. E.....Kansas City, Mo.
Honor List '47-'48. ASME '48-'49.
- Stadelhofer, Jack F.....E. E.....Webster Groves, Mo.
Lambda Chi Alpha Alumni Correspondent. Shamrock Club
'43. Engineers Club '43. AIEE. ROTC Band '43. Student
Council '47.
- Stahl, Roy P.....M. E.....Arnold, Mo.
Tau Beta Pi '48. Honor List '46-'47-'48. ASME '48. Photo
Club '47-'48. Gamma Delta '48.
- Stanley, John Lawrence.....Physics.....St. Louis, Mo.
Radio Club '37-'38. Student Assistant Drawing Department
'46-'47.
- Starkweather, Reuben H.....M. E.....Springfield, Mo.
Independents '47-'48-'49. Honor List '47-'48. ASME '47-'48-
'49. Miner Board '47-'48-'49.
- Steckenrider, Ray N.....E. E.....Christopher, Ill.
Honor List '47-'48. Transfer Milligan College.
- Steele, Davis Tillon.....M. E.....Springfield, Mo.
ASME '48. ROTC Band '46. Transfer Southeast Missouri
State College.
- Steele, Harry B.....C. E.....West Plains, Mo.
- Steele, Luther R.....M. E.....Springfield, Mo.
ASME '47-'48-'49. Football '46-'47-'48. "M" Club.
- Stein, Herbert Saul.....Chem. E.....New Rochelle, N. Y.
Alpha Epsilon Pi Sergeant-at-Arms. Scribe, Exchequer. En-
gineers Club '45-'46. AICHe.
- Stein, John Ellis.....Min.-Pet.....Cuba, Mo.
- Stobie, Allan B., Jr.....E. E.....Kirkwood, Mo.
Tau Beta Pi '48. Phi Kappa Phi Bookplate '46-'47-'48. Honor
List '46-'47-'48. IRE '49.
- Stohldrier, Irwin H.....M. E.....Webster Groves, Mo.
Engineers Club '46-'47.
- Stohlmeyer, DeRuth C.....Min. E.....Platteville, Wisc.
AIME. Transfer Wisconsin Institute of Technology.
- Stovall, Richard Lee.....E. E.....St. Louis, Mo.
AIEE. Transfer Harris Junior College.
- Straub, Harold E.....M. E.....Carlinville, Ill.
Tau Beta Pi '47-'48-'49. Vice-President '48. Phi Kappa Phi
'48. Phi Kappa Phi Bookplate '46-'47. Honor List '46-'47-'48.
Distinguished Military Students Award '48. Blue Key '48.
ASME '46. Gamma Delta Vice-President '47-'48. President
'48. Student Assistant M. E. Department '48-'49.
- Strubert, Joseph N.....C. E.....St. Louis, Mo.
Theta Kappa Phi Vice-President '47. Social Chairman '46.
ASCE '46-'48. American Road Builders Association '48. Rifle
Club '42. Detonators '42. Inter-Fraternity Council Vice-
President '49. Miner Board '42-'43-'47. Associate Editor '48.
- Subitzky, Seymour.....Min.-Geol.....Mt. Vernon, N. Y.
Kappa Alpha. AIME. St. Pat's Board '47-'48. Transfer Wash-
ington University.
- Sullivan, John A.....Chem. E.....Rolla, Mo.
Kappa Sigma Vice-President. Secretary, Master of Cere-
monies. Honor List '48. AICHe Secretary. Inter-Fraternity
Council Secretary-Treasurer. Rollamo Board. Miner Board.
- Sullivan, Roland W.....Min.-Pet.....Monett, Mo.
AIME. Student Assistant Chemistry Department '47-'48.
- Sutton, Glen W.....Min. E.....Annapolis, Mo.
Honor List '47-'48. Transfer Colgate University.
- Szumachowski, Edwin R.....Met. E.....Schenectady, N. Y.
Tau Beta Pi. ASM. AIME.
- Tabor, Floyd E.....M. E.....Marine, Ill.
ASME. Transfer Shurtleff College.
- Tanner, Paul Eugene.....C. E.....Elgin, Ill.
Tech Club '48-'49. Honor List '46-'47-'48. ASCE '48-'49. Stu-
dent Assistant Civil Department '47-'48.
- Teas, William C.....C. E.....Freeport, N. Y.
ASCE '47-'48-'49. "M" Club '48-'49. Football '46-'47-'48-'49.
Transfer Presbyterian College and University of Alabama.
Student Assistant P. E. Department '47-'48-'49.
- Telthorst, Edgar J.....M. E.....St. Louis, Mo.
Kappa Sigma Treasurer '48-'49. Tau Beta Pi. Honor List.
Blue Key. Theta Tau. ASME. ROTC Cadet Captain. Rol-
lamo Board. Transfer Coane College and University of
Notre Dame.
- Telthorst, Harold M.....C. E.....St. Louis, Mo.
Kappa Sigma '43-'46-'47-'48-'49. Scribe '46. Grand Master
'46. Theta Tau '48-'49. Marshal '48-'49. ASCE '47-'48-'49.
Football '42. ROTC Cadet Captain. St. Pat's Board Vice-
President '48. Treasurer Freshman Class '42-'43.
- Thielker, Edgar E.....Chem. E.....St. Louis, Mo.
Sigma Nu Treasurer. Alpha Chi Sigma. AICHe. Swimming
'47-'48. "M" Club. Student Council.
- Thomason, James B.....Min. E.....Granite City, Ill.
Honor List '46.
- Thomasson, Edwin M.....Min.-Pet.....Mounds, Ill.
Transfer University of Illinois and Southern Illinois Normal
University. Student Assistant Mining Department '48.
- Thompson, Clarence W.....Chem. E.....Fredericktown, Mo.
Honor List '46-'47. Student Assistant Chemistry Department
'48-'49.
- Thompson, Homer F.....C. E.....Rolla, Mo.
Tau Beta Pi. ASCE. MSPE. Instructor Drawing Department.
Received B.S. in Chemical Engineering '32.
- Thompson, Richard H.....E. E.....Kirkwood, Mo.
Kappa Sigma. AIEE. IRE.
- Thorp, John M.....Met. E.....St. Louis, Mo.
ASM '47-'48-'49. AIME. Transfer Washington University.
Student Assistant Meteorology Department '48.
- Tichy, Nicky.....M. E.....St. Louis, Mo.
Tau Beta Pi. ASME. Transfer Harris Teachers College.
- Tindall, Robert F.....C. E.....St. Joseph, Mo.
ASCE '48-'49. ROTC Staff Secretary '47-'48. Second Lieuten-
ant '48. First Lieutenant '48-'49. Transfer St. Joseph Junior
College. Student Assistant Civil Department '47-'48. Physics
Department '48-'49.
- Tippitt, Vaughn.....C. E.....Joplin, Mo.
Independents '47-'48. Tau Beta Pi '48-'49. Honor List '47-
'48. AIEE '47-'48. ASCE '48-'49. Miner Board Reporter '47.
Student Assistant Dean's Office '47-'48-'49.
- Tittman, David W.....Met. E.....Springfield, Ill.
Sigma Pi Vice-President. Steward. ASM. AFS. AIME.
Treasurer Sophomore Class. Transfer Illinois Institute of
Technology.
- Todd, Joseph W.....M. E.....Salem, Mo.
Sigma Pi. ASME '47-'48.
- Toomey, John B., Jr.....M. E.....Greenwich, Conn.
Chi Sigma. ASME. Student Council.
- Tohill, Charles E. B.....Min. E.....Wytheville, Va.
Engineers Club. "M" Club Secretary. AIME. Track. Trans-
fer Trinity College.
- Trace, James J.....E. E.....Crystal City, Mo.
Engineers Club '43-'44-'47-'48-'49. Honor List '44-'47-'48.
Alpha Phi Omega '44-'49. ASME '47-'48-'49. Detonators '43-
'44. Received B.S. in M. E. '48.

Senior Class of Forty-Nine

- Trotter, Jack E.....Min. E.....Herrin, Ill.
Transfer Southern Illinois Normal University and New Mex-
ico A. & M.
- Tucker, Arthur L.....C. E.....Flat River, Mo.
Engineers Club. ASCE. Glee Club. Transfer University of
Cincinnati.
- Tucker, Robert F.....E. E.....Alton, Ill.
Transfer Shurtleff College.
- Turk, Carrol G.....M. E.....Springfield, Mo.
Engineers Club '43. ASME.
- Turner, Clifford E.....M. E.....Rolla, Mo.
Honor List. ASME. American Foundrymen's Society. Track.
"M" Club.
- Turner, William E.....C. E.....Walnut Ridge, Ark.
- Tweedy, John F.....M. E.....Rolla, Mo.
- Twombly, Robert C.....C. E.....Spartanburg, S. Car.
Engineers Club '46. ASCE '48-'49.
- Tyrer, Gene A.....Chem. E.....Affton, Mo.
Lambda Chi Alpha Ritualist '46-'48. Secretary '48-'49. Ath-
letic Manager '48-'49. Convention Delegate '48. Phi Kappa
Phi Bookplate '45. Honor List '45. Blue Key '48-'49. Alpha
Chi Sigma '47-'49. AICHE '45-'47. Missouri Academy of
Science '45-'46. St. Pat's Board '47-'49. Secretary '48-'49.
Miner Board '45-'47. Sports Editor '46-'47. Student Assistant
P. E. Department '46.
- Uriwal, Alfons F.....Met. E.....St. Louis, Mo.
Sigma Nu Commander '47-'48. Honor List '46. Phi Kappa
Phi Bookplate '46. ASM. Student Council '46-'47.
- Van Hook, John T.....C. E.....Carthage, Mo.
ASCE '48-'49.
- Vaughn, George E.....Min.-Pet.....Rolla, Mo.
Honor List '47-'48. Transfer John Farleton Agricultural Col-
lege. Student Assistant Mining Department '48-'49.
- Viles, Landon C.....C. E.....Bolivar, Mo.
Honor List '47-'48. ASCE '46-'47-'48-'49.
- Vreeland, Robert M.....E. E.....St. Louis, Mo.
Independents Vice-President '45. Tech. Club '44. Engineers
Club Board of Control '45. AIEE. Student Council '45. Stu-
dent Assistant E. E. Department.
- Wagner, Carl L., Jr.....M. E.....Kirkwood, Mo.
Engineers Club '45-'49. Tau Beta Pi. Phi Kappa Phi. ASME.
Gamma Delta.
- Walker, James F.....Chem. E.....Hayti, Mo.
Tau Beta Pi. Honor List. Alpha Chi Sigma Historian.
AICHE.
- Weber, Arthur H.....C. E.....Richmond Hgts., Mo.
Kappa Alpha Order '46-'47-'48-'49. Vice-President '47. ASCE
'47-'48-'49. ARBA '49. Inter-Fraternity Council '46-'47. Trans-
fer University of Minnesota.
- Weber, John G.....Sci.-Phys.....St. Louis, Mo.
Tech Club '42-'43. Engineers Club '47-'48. Physics Ferreters
'48-'49. Photo Club '47. Miner Board Business Staff '43.
N.Y.A. Assistant Registrar's Office '42-'43.
- Weismantel, William L.....C. E.....St. Louis, Mo.
Theta Kappa Phi Historian '46. Secretary '47. President '48.
Theta Tau. ASCE. Football '45-'46. Track '46. "M" Club.
Student Council. Rollamo Board '45-'49. Organization Edi-
tor '47. Editor-in-Chief '48. Secretary Junior Class.
- Weissman, Theodore S.....Cer. E.....Brooklyn, N. Y.
ACS '47-'48-'49. Student Assistant Veterans Office '48-'49.
- Wells, Vernon L.....M. E.....Caney, Kans.
Honor List '46-'47-'48. ASME '48-'49.
- Werner, Edwin J.....C. E.....Independence, Mo.
Independents. ASCE. ARBA.
- Wesley, Wallace M.....Cer. E.....Rolla, Mo.
ACS '46-'47.
- West, Leonard Jackson.....E. E.....Springfield, Mo.
Tau Kappa Epsilon. Phi Kappa Phi Bookplate. Honor List.
- White, John H.....Met. E.....Little Rock, Ark.
- Whitlock, Reginald R.....Min. E.....Clinton, Ind.
Honor List '48. AIME. Transfer University of California.
Student Assistant Mining Department '47-'48-'49.
- Wilks, Robert Wm.....Met. E.....Caruthersville, Mo.
ASM. AIME. AFS. ROTC Staff Sergeant '47-'48. Second
Lieutenant '48. First Lieutenant '48-'49. Transfer Illinois In-
stitute of Technology.
- Williams, Raymond J.....Chem.-E. E.....Ste. Genevieve, Mo.
Triangle Treasurer '48. Tau Beta Pi Treasurer '48. Honor
List '47-'48-'49. Blue Key. Swimming '47-'48.
- Willis, Judson M.....M. E.....Dexter, Mo.
ASME '47-'48.
- Winn, Ralph Alvin.....Min.-Pet.....St. Louis, Mo.
Sigma Pi Herald. Shamrock Club '42-'43. Honor List '46.
AIME.
- Winters, Fred E.....C. E.....Marion, Ind.
Tau Kappa Epsilon Historian. ASCE. American Road Build-
ers Association.
- Wirfs, Thomas P.....C. E.....St. Louis, Mo.
Sigma Phi Epsilon Historian '47. Vice-President '48. Honor
List. Blue Key Vice-President '49. Theta Tau Inner Guard
'48. Vice-Regent '48. ASCE. Miner Board Sports Editor
'47-'48.
- Wisco, Harold A.....Min. E.....Darlington, Wisc.
AIME. Transfer Wisconsin Institute of Technology.
- Wisdom, David G.....C. E.....Rolla, Mo.
Lambda Chi Alpha Correspondent '47-'48. Honor List '46.
Missouri Academy of Science '46-'47. ASCE '46-'47-'48.
ROTC First Lieutenant. SAME '47-'48-'49. Student Council
'48-'49. Alternate '47-'48. Miner Board '46-'47. Canterbury
Club '47. Secretary, Commander and Vice-Commander Cam-
pus Vets. Association.
- Wissel, Charles K.....M. E.....Kansas City, Mo.
Honor List '47-'48. ASME '48-'49. Transfer Junior College
of Kansas City, Mo.
- Withers, John S.....E. E.....Moscow Mills, Mo.
- Witherspoon, Dwayne R.....Min.-Geol.....Fredonia, Kans.
Sigma Phi Epsilon Senior Marshal '48-'49. Transfer North-
west Missouri State Teachers College.
- Withrow, Harold J.....Chem. E.....Doniphan, Mo.
Engineers Club '47-'48-'49. Blue Key '48-'49. Alpha Chi
Sigma '46-'47-'48-'49. AICHE Vice-President '46-'47. Treas-
urer '47-'48. Glee Club '45-'46. ROTC Band '45-'46-'47.
- Wolfe, Clarence L.....E. E.....East St. Louis, Ill.
Tau Beta Pi. AIEE.
- Wood, James Edward.....Chem. E.....Rolla, Mo.
Tau Beta Pi. Alpha Chi Sigma. AICHE.
- Workman, William F.....C. E.....Parsons, Kans.
Jackling Terrace Council '48-'49. ASCE '48-'49.
- Wright, Floyd William.....M. E.....St. Louis, Mo.
Sigma Pi First Counselor '47. Third Counselor '47. Honor
List '48. ASME. Inter-Fraternity Council '47-'48.
- Wright, John W.....M. E.....East St. Louis, Ill.
Engineers Club '46-'47. ASME '47-'48-'49.
- Wright, Joseph E.....M. E.....Florissant, Mo.
Engineers Club '47-'48. ASME. Rollamo Board. Transfer
University of North Dakota.
- Wundrack, William A.....E. E.....St. Louis, Mo.
Engineers Club '46-'49. Board of Control '47. President '48.
Independents '46-'49. Secretary-Treasurer. Honor List '48.
AIEE. Glee Club President '48. Secretary '47. Student
Council '47-'49. Treasurer '48. Vice-President Senior Class.
Transfer Harris Junior College.
- Wunnenberg, Edward C.....M. E.....Webster Groves, Mo.
Tech Club '41-'42. ASME Treasurer '48. President '48. ROTC
Band '40-'41.
- Yochum, Robert John.....C. E.....St. Louis, Mo.
Kappa Sigma President '48-'49. Vice-President '47-'48. Treas-
urer '43-'44. Flint Award. Honor List '48. Theta Tau '47-
'49. ASCE Vice-President '48-'49. ROTC Captain '47-'48.
Student Council '47-'48. Inter-Fraternity Council '43-'44.
- Young, Reagan Harris, Jr.....Chem. E.....Rolla, Mo.
Alpha Chi Sigma. AICHE. Rifle Club.
- Young, William J.....M. E.....Minden Mines, Mo.
ASME.
- Youngblood, James P.....E. E.....Springfield, Mo.
Honor List '47-'48. AIEE '48. Transfer Springfield (Mo.) State
College.
- Younghaus, Richard P.....M. E.....Richmond Hgts., Mo.
Lambda Chi Alpha Business Representative '48. Honor List
'46-'47. ASME '48-'49. Student Council '44. Gamma Delta.
Freshman Class President '44.
- Youngs, Lloyd P.....M. E.....Chillicothe, Mo.
Tau Kappa Epsilon President '47-'48. Tau Beta Pi. Phi
Kappa Phi Bookplate '46-'47. "M" Club '47-'48. ASME.
Golf '47-'48.
- Zavislak, Lewis.....Cer. E.....Los Angeles, Calif.
Engineers Club. Honor List. Keramos. American Ceramics
Society. Transfer University of California.
- Zurheide, George B.....M. E.....Richmond Hgts., Mo.
Honor List '46-'48. ASME '48-'49. Student Assistant Geology
Department '46. M. E. Department '48-'49.
- Zvanut, Albert J.....Cer. E.....St. Louis, Mo.
Engineers Club '46. Tech Club '48-'49.



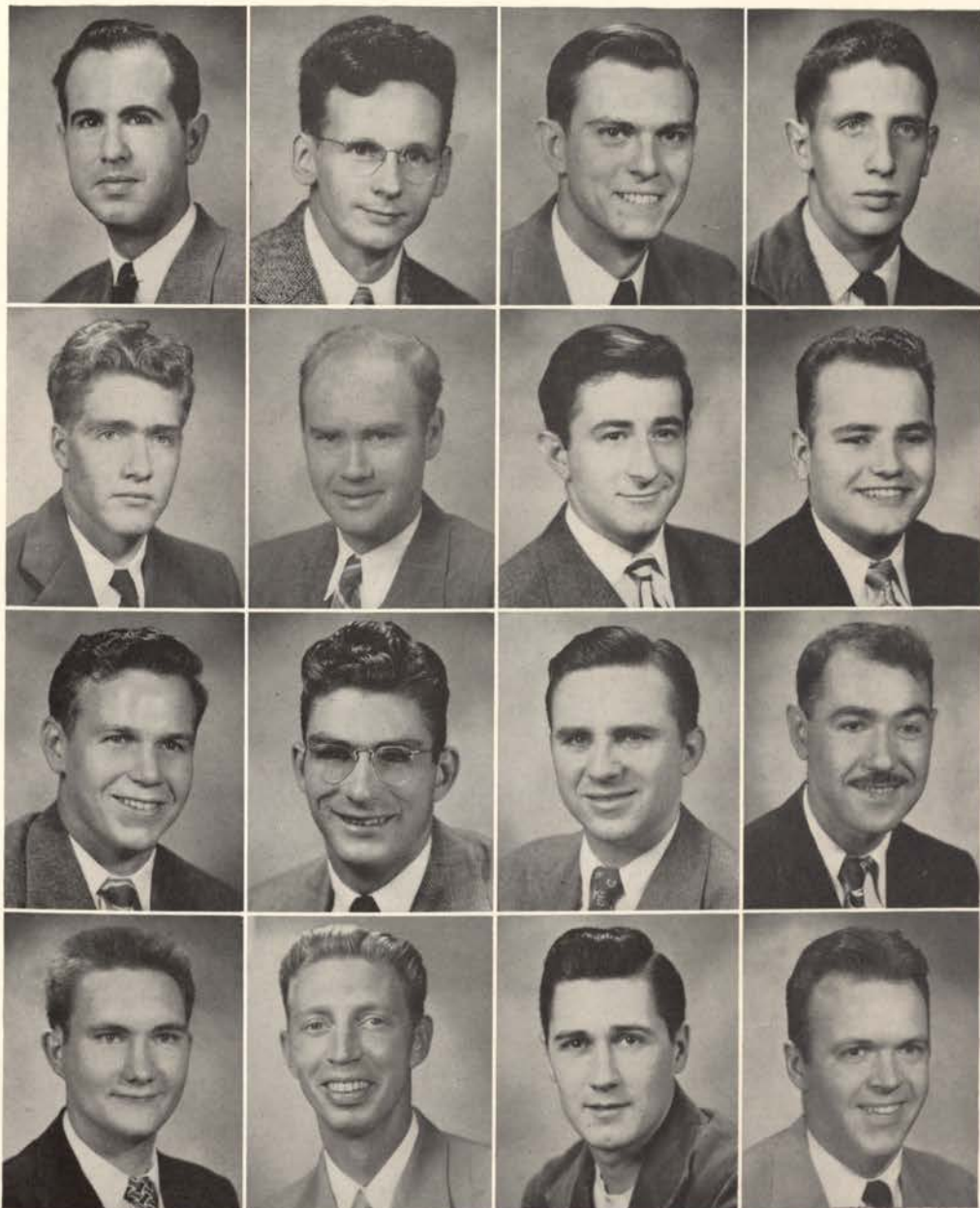
Addition to Chemical Engineering Building - - - September, 1948



JUNIOR CLASS OFFICERS

President.....Dave Grimm
 Vice-President.....Edward Koziboski
 Secretary.....Bob Zane
 Treasurer.....Jim O'Connor

Abendschein, Jack C.....Rolla, Mo.	Bailey, Dale A.....New Baden, Ill.	Benson, Francis M.....Rolla, Mo.
Absalom, John S.....Buffalo, N. Y.	Bailey, Frank E.....Rolla, Mo.	Bentrup, Eugene A.....St. Louis, Mo.
Acheson, Edwin R.....St. Louis, Mo.	Baker, Chester H.....Rolla, Mo.	Berenato, Anthony J.....Hommonoton, N. J.
Adams, Kenneth D.....St. Louis, Mo.	Baker, James R.....Bevier, Mo.	Berger, Frank C.....St. Louis, Mo.
Allen, Adrian E.....Hurricane, W. Va.	Baldo, Alexander H.....East Elmhurst, N. Y.	Berger, Laurel D.....Trenton, Ill.
Allen, Howard A.....Corinth, N. Y.	Ball, Robert D.....Rolla, Mo.	Bergman, Frank W.....Monsanto, Ill.
Aitman, Stanley M.....Kansas City, Mo.	Barker, William G.....Normandy, Mo.	Berkey, Vernon G.....Rolla, Mo.
Amsler, John O.....St. Louis, Mo.	Barnes, Amos E.....Doniphan, Mo.	Berley, Joseph P.....East St. Louis, Ill.
Anderson, Donald B.....LaSalle, Ill.	Barnett, Ben.....St. Louis, Mo.	Bertel, Donald J.....Brentwood, Mo.
Andreasen, Ralph A.....Bartlett, Ill.	Barney, James S.....Parma, Mo.	Betz, Irving G.....Camden, N. J.
Angermann, William J.....St. Louis, Mo.	Barrow, Robert B.....Rochester, N. Y.	Betz, Robert A.....Park Ridge, Ill.
Apple, J. B.....Republic, Mo.	Barsachs, Edwin H.....St. Louis, Mo.	Beumer, Wilfred L.....Mexico, Mo.
Arman, Ismail M.....Bolu, Turkey	Bartels, Eugene A.....Edwardsville, Ill.	Bevan, William L.....St. Louis, Mo.
Arnold, Hubert T.....Granite City, Ill.	Baseley, Robert L.....Union, Ill.	Billard, Robert A.....LaSalle, Ill.
Arnott, Charles W.....St. Louis, Mo.	Basham, James C.....Rolla, Mo.	Birbeck, Lester R.....King City, Mo.
Ashmore, James H.....East Alton, Ill.	Beaver, M. H.....Rolla, Mo.	Birch, Frank E.....Rolla, Mo.
Aston, R. Lee.....Williamsburg, Va.	Becker, Ronald F.....Glendale, Mo.	Bishop, Earl.....Walnut, Ill.
Atchison, Daniel R.....St. Louis, Mo.	Beckham, Oscar S.....Rolla, Mo.	Bishop, Ralph.....Cardwell, Mo.
Atwell, John R.....Rolla, Mo.	Beeson, Merle A.....Rolla, Mo.	Blackstock, Robert S.....Overland, Mo.
Auld, Thomas.....Rochester, N. Y.	Behm, John W.....St. Louis, Mo.	Blaine, Floyd.....Rolla, Mo.
Austin, Robert E.....Fredonia, N. Y.	Belcher, Donald K.....Vernon, Ill.	Blakemore, Winston L.....Orange Cove, Calif.
Averbach, Philip.....Rochester, N. Y.	Belew, Leland F.....Rolla, Mo.	Blancke, Charles D.....Rochester, Minn.
Avery, Raymond C.....Framingham, Mass.	Bender, Robert L.....Lemay, Mo.	Blank, James S.....Greensburg, Pa.
Bach, Wilbert E.....St. Louis, Mo.	Bennett, Donald E.....Hillsboro, Ill.	Bloome, Loren G.....South Standard, Ill.
Bachman, William G.....Glendale, Mo.	Bennett, John C.....Cairo, Ill.	Bloome, Robert L.....South Standard, Ill.
Bage, Earl A.....Pevely, Mo.	Benoit, Maurice E.....Freeport, N. Y.	Blumenstock, Dwayne.....Springfield, Mo.
Baily, Allen B.....DuQuoin, Ill.	Benson, Clark H.....Shell Lake, Wisc.	Bock, George H.....St. Louis, Mo.



Junior Class 1949

Abendschein
Allen, A.
Anderson
Arnold

Absalom
Allen, H.
Andreason
Arnott

Acheson
Altman
Angermann
Ashmore

Adams
Amsler
Arman
Aston

Boecker, Fred.....Cleveland, O.
Boehme, Milton R.....St. Louis, Mo.
Boje, George J.....Rolla, Mo.
Bolanovich, Melvin P.....St. Louis, Mo.
Bollwerk, George P.....St. Louis, Mo.
Bond, Elbert T.....Springfield, Mo.
Bookey, Jack H.....Brooklyn, N. Y.
Bopp, Harold M.....Alton, Ill.
Borgerding, Lawrence H.....Marthasville, Mo.
Bounds, Ivan L.....Ft. Smith, Ark.

Bowles, Raymond W.....Fulton, Ky.
Boyd, Theodore E.....Scarsdale, N. Y.
Bradley, Andrew J.....Roanoke, Ill.
Bradley, Kenneth R.....Roanoke, Ill.
Brakensiek, William E.....St. Louis, Mo.
Brands, Dean A.....Webster Groves, Mo.
Branson, Donald A.....St. Louis, Mo.
Branson, George E. R.....Dixon, Ill.
Brandt, James P.....Concord, Calif.
Breeze, Wilbur D.....Centralia, Ill.

Caught in the act.





Our hero.

Junior Class 1949

Breidert, Elmer C.....	St. Louis, Mo.	Brugioni, Delmo L.....	Jefferson City, Mo.
Bremer, Eduardo, Jr.....	Monterrey, Mex.	Brunnenmeyer, Robert L.....	Peoria, Ill.
Brinkmann, Charles E.....	Washington, Mo.	Brunson, Vernon T.....	Dallas, Tex.
Broadus, Richard D.....	Chillicothe, Mo.	Bucha, William F.....	Hammond, Ind.
Brooks, Roger A.....	St. Louis, Mo.	Bueker, Edgar L.....	Warrenton, Mo.
Brown, Carleton A.....	N. Syracuse, N. Y.	Bulla, Robert.....	Sesser, Ill.
Brown, Donald R.....	St. Louis, Mo.	Burke, Robert F.....	Rolla, Mo.
Brown, Jack P.....	St. Louis, Mo.	Burke, William M.....	Bunker Hill, Ill.
Brown, James A.....	Overland, Mo.	Busch, Roland G.....	Cape Girardeau, Mo.
Brown, Robert N.....	Rolla, Mo.	Butler, Pierre A.....	Eldorado, Ill.
Brown, William B.....	Rolla, Mo.	Buttrey, Charles G.....	Illmo, Mo.



Atchison
Bach
Bage
Barnes

Auld
Bachman
Bailey, A.
Barsachs

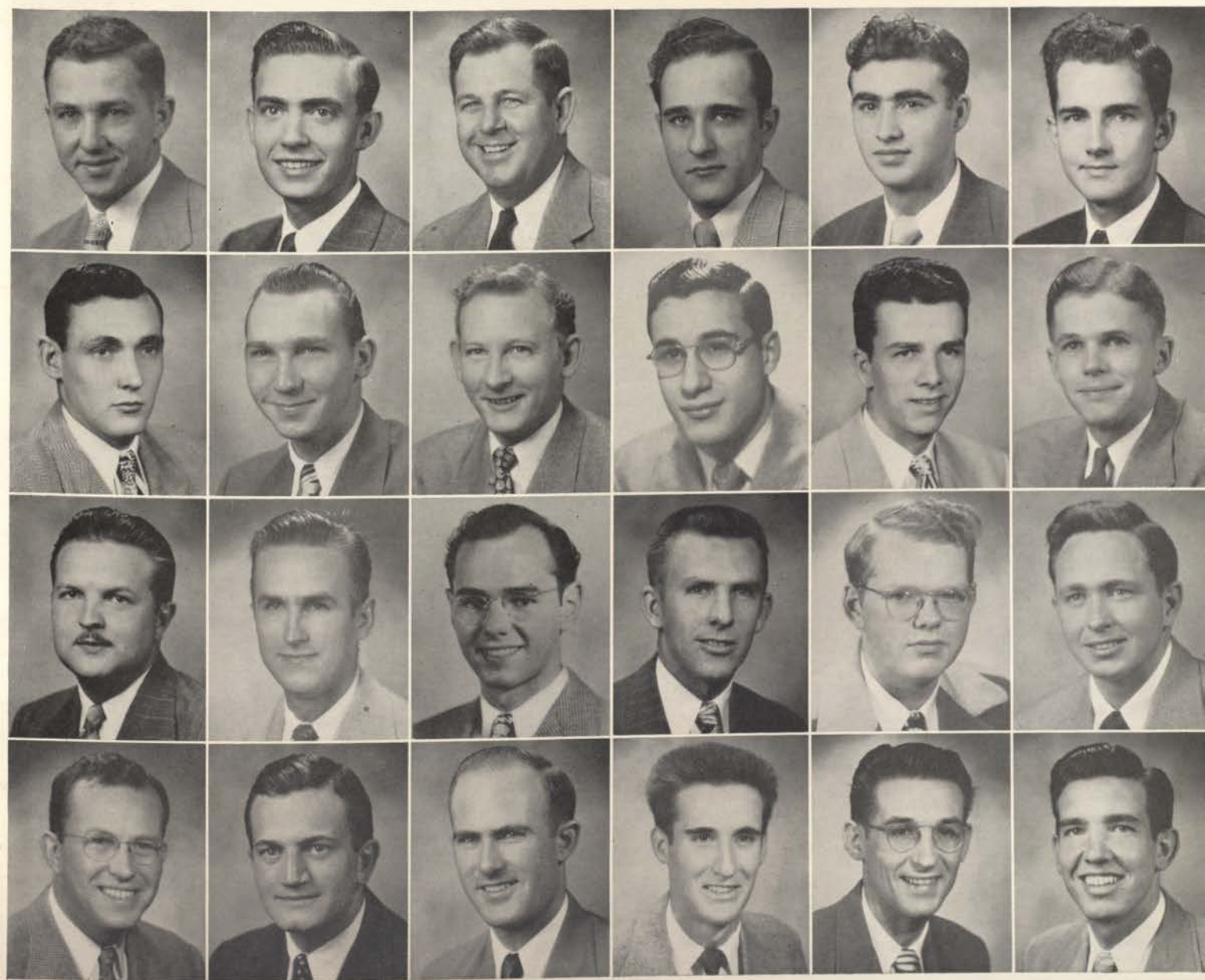
Austin
Baldo
Bailey, F.
Bartels

Averbach
Ball
Baker
Basham

Byrd, Herman C.....Rolla, Mo.
 Byrd, Lloyd E.....Peru, Ill.
 Byrns, Herbert F.....Baltimore, Md.
 Cady, Willis S.....Chicago, Ill.
 Caldwell, Arthur B.....Ft. Smith, Ark.
 Calhoun, James A.....Jefferson Bks., Mo.
 Callahan, Melvin E.....West Plains, Mo.
 Campbell, Walter W.....Jerseyville, Ill.
 Campion, John.....Ambler, Pa.
 Cantwell, Rodney S.....Bucklin, Mo.
 Carl, Joe J.....Mt. Vernon, Mo.

Carl, Louis H.....Boonville, Mo.
 Carlson, Gustav E.....Riverside, Ill.
 Carmody, Edward T.....Webster Groves, Mo.
 Carney, John L.....St. Louis, Mo.
 Carroll, Charles N.....Rutland, Vt.
 Carter, Robert E.....Bourbon, Mo.
 Cassavettes, Nicholas
 Port Washington, N. Y.
 Castelli, August V.....St. Louis, Mo.
 Castrale, Arduino.....Johnston City, Ill.
 Cavanaugh, John P.....Springfield, Ill.
 Cawfield, Christopher N.....Ash Grove, Mo.

Chapman, Donald R.....Huntington, W. Va.
 Chapman, Harrison E.....Dumont, N. J.
 Cheadle, Keith F.....Rosati, Mo.
 Chen, Willie Y.....New York, N. Y.
 Chesebrough, Samuel A.....Des Moines, Ia.
 Chorney, Peter L.....Albion, N. Y.
 Church, Charles H.....Rolla, Mo.
 Ciarico, Anthony J.....Albion, N. Y.
 Clark, Howard T.....St. Louis, Mo.
 Clark, William W.....Rolla, Mo.
 Clausen, George R.....Alton, Ill.



Beaver
 Benoit
 Berkey
 Birbeck

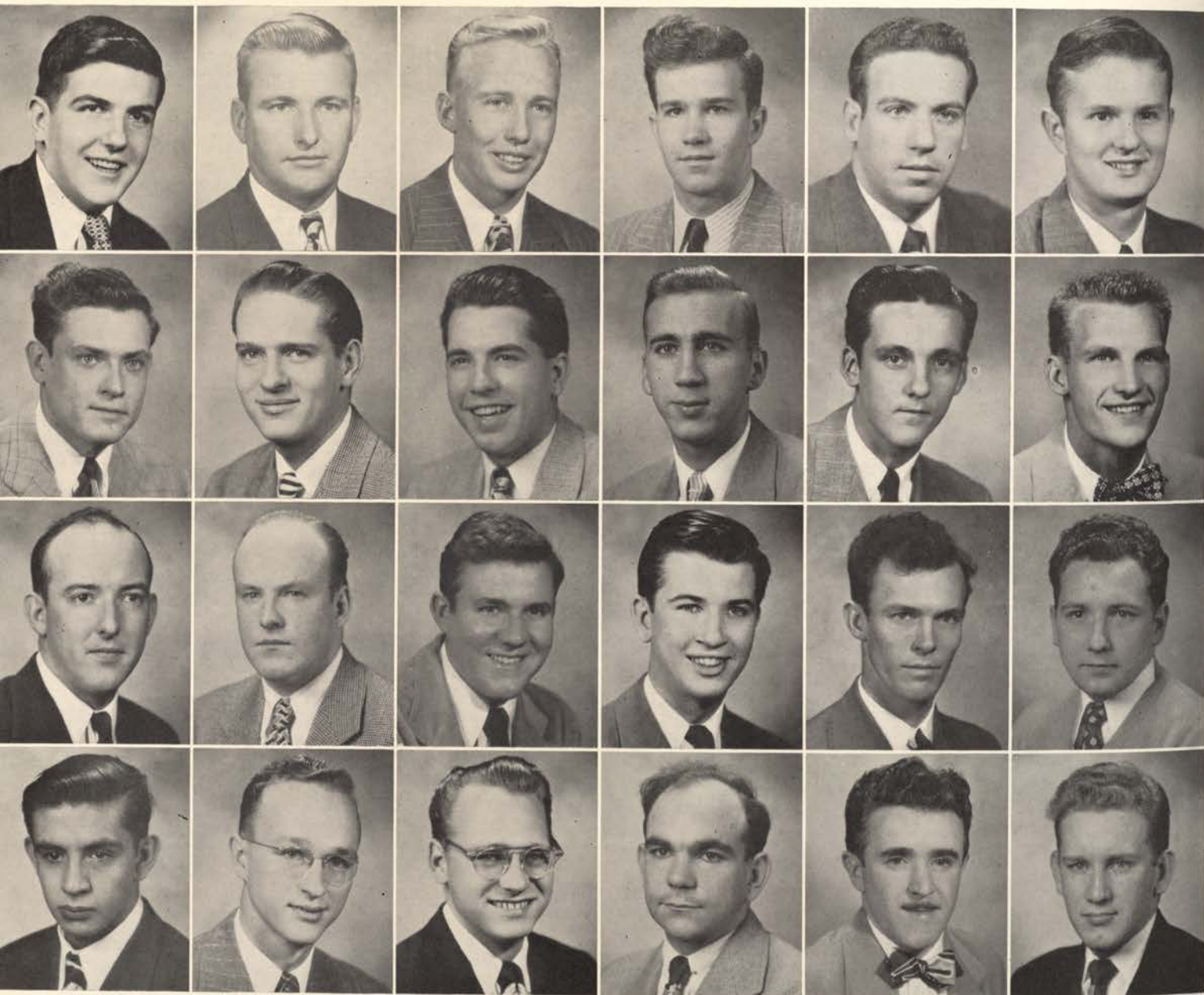
Becker
 Benson, C.
 Berley
 Birch

Beeson
 Benson, F.
 Bertel
 Blackstock

Behm
 Berenato
 Betz, I.
 Blaine, F.

Belcher
 Bergman
 Betz, R.
 Blaine, J.

Belew
 Berger
 Bevon
 Blancke



Blank	Bloome, L.	Bloome, R.	Blumenstock	Bock	Boecker
Boje	Bollwerk	Bompus	Bopp	Borgerding	Bounds
Bowles	Bradley	Brakensick	Branson	Breeze	Breidert
Bremer	Brinkman	Brooks	Brown, D.	Brown, J. P.	Brown, J. A.

Clayton, Roy T.....Licking, Mo.	Comanich, GeorgeOrient, Ill.	Crabtree, George W.....Rockbridge, Ill.
Clifford, Richard E.....Pontiac, Ill.	Compas, Elmer T.....Chaffee, Mo.	Craig, Alexander J.....Clifton, N. J.
Clippard, Richard W.....Cape Girardeau, Mo.	Coolbaugh, William E.....Edwardsville, Ill.	Crane, Fred St. J.....Independence, Kans.
Cochran, Frederick D.....Grandview, Mo.	Cooper, James D.....Batesville, Ark.	Crimmins, William M.....Cuba City, Wisc.
Coffee, Ralph E.....Overland, Mo.	Corbin, Harold E.....St. James, Mo.	Crocker, Hilbert W.....Wood River, Ill.
Coffelt, Jack K.....Sedalia, Mo.	Corey, Marvin D.....Kansas City, Mo.	Crull, John L.....St. Louis, Mo.
Coffman, Joseph A.....Farmington, Mo.	Corigliano, Dominic.....New Rochelle, N. Y.	Culmo, Samuel A.....New Haven, Conn.
Cohen, Bernard.....Brooklyn, N. Y.	Coss, Charles M.....Thomaston, Conn.	Curry, Byron E.....Lexington, Mo.
Collins, Robert E.....East Rutherford, N. J.	Cotner, Jack A.....Cape Girardeau, Mo.	Daetz, Charles K.....Rolla, Mo.
Collins, Robert T.....Northwoods, Mo.	Cotner, Jerry E.....Cape Girardeau, Mo.	Dallam, Willis H.....Kirkwood, Mo.
Colville, George.....Paris, Ark.	Cox, William H.....Cuba, Mo.	Dampf, Donald P.....Jefferson City, Mo.

Junior Class 1949



Brown, R.
Brunson
Burke
Byrd

Brown, W.
Bucha
Burnett
Caldwell

Brugioni
Bueker
Butler
Calhoun

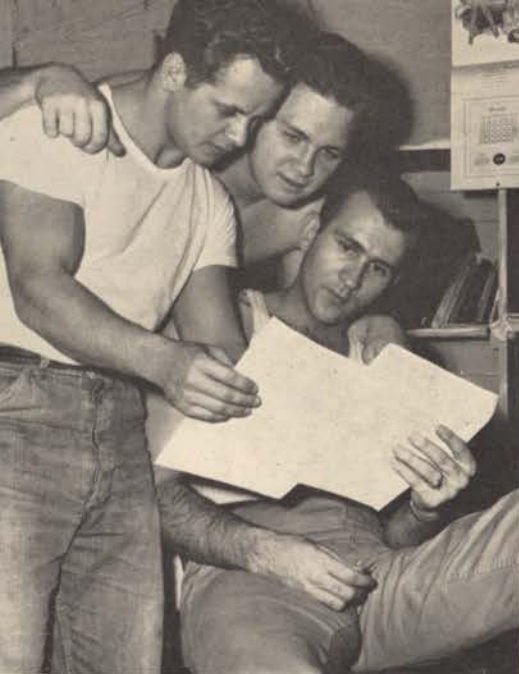
Brunnenmeyer
Bulla
Buttrey
Calton

Dare Wilbert L.....St. Louis, Mo.
Dasenbrock, Arthur A.....Effingham, Ill.
Davis, Raymond W.....Rolla, Mo.
Davis, Richard E.....St. Louis, Mo.
Day, Donald J.....Rolla, Mo.
Day, Edsel O.....Rolla, Mo.
Day, Russell.....St. Louis, Mo.
Deckard, John C.....Mitchell, Ind.
Decker, Elmer R.....Rolla, Mo.
Deeken, Elmer H.....Jefferson City, Mo.
Delis, Santiago E.....Rio Piedras, Pt. Rico

Del Porte, Karl H.....Kirkwood, Mo.
De Lurgio, Frank A.....Creve Coeur, Mo.
Dempsey, William S.....St. Louis, Mo.
Deppe, Eugene.....Belleville, Ill.
Deshon, William R.....St. Joseph, Mo.
Deutch, Morton.....St. Louis, Mo.
Dickinson, Daniel R.....Rolla, Mo.
Dickinson, William W.....Newburg, Mo.
Dieringer, Donald R.....Overland, Mo.
Dillender, George.....Alton, Ill.
Dillon, Joseph B.....Springfield, Mo.

A close decision.



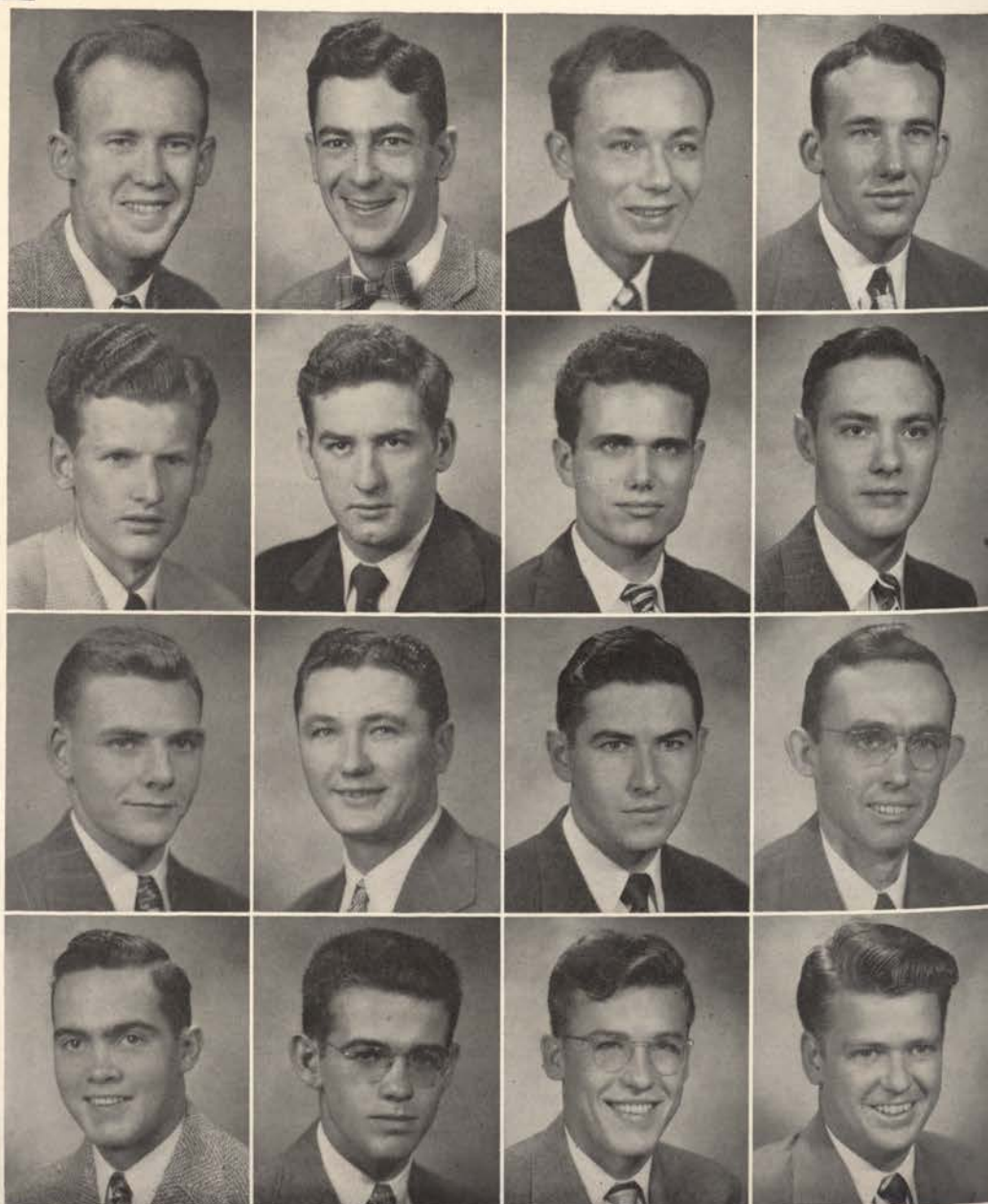


Checking answers.

Junior Class 1949

Dintleman, William W.....Kirkwood, Mo.
 Dionesotes, James T.....Chicago, Ill.
 DiPrimo, Anthony J.....St. Louis, Mo.
 Dixon, Matthew B.....N. Tarrytown, N. Y.
 Doane, Jerry D.....Rolla, Mo.
 Dolecki, Stanley.....St. Louis, Mo.
 Donovan, Cornelius M.....Springfield, Ill.
 Dowling, Donald J.....Ladue Village, Mo.
 Drake, Avery A.....Rolla, Mo.
 Dressler, Robert D.....St. Louis, Mo.
 Duerr, Sid E.....Webster Groves, Mo.

Duncan, Perry D.....Festus, Mo.
 Duncil, Glenn K.....Donnellson, Ill.
 Durrenberger, Joseph W.....Valdosta, Ga.
 East, Carl G.....Herrin, Ill.
 Eck, Bernard J.....Springfield, Ill.
 Eckert, Fred H.....Belleville, Ill.
 Edgington, Antony N.....Appelton, England
 Edwards, Robert F.....Attica, N. Y.
 Edwards, Robert W.....Marshall, Mo.
 Edwards, William J.....St. Louis, Mo.
 Eftimoff, Slave A.....Granite City, Ill.



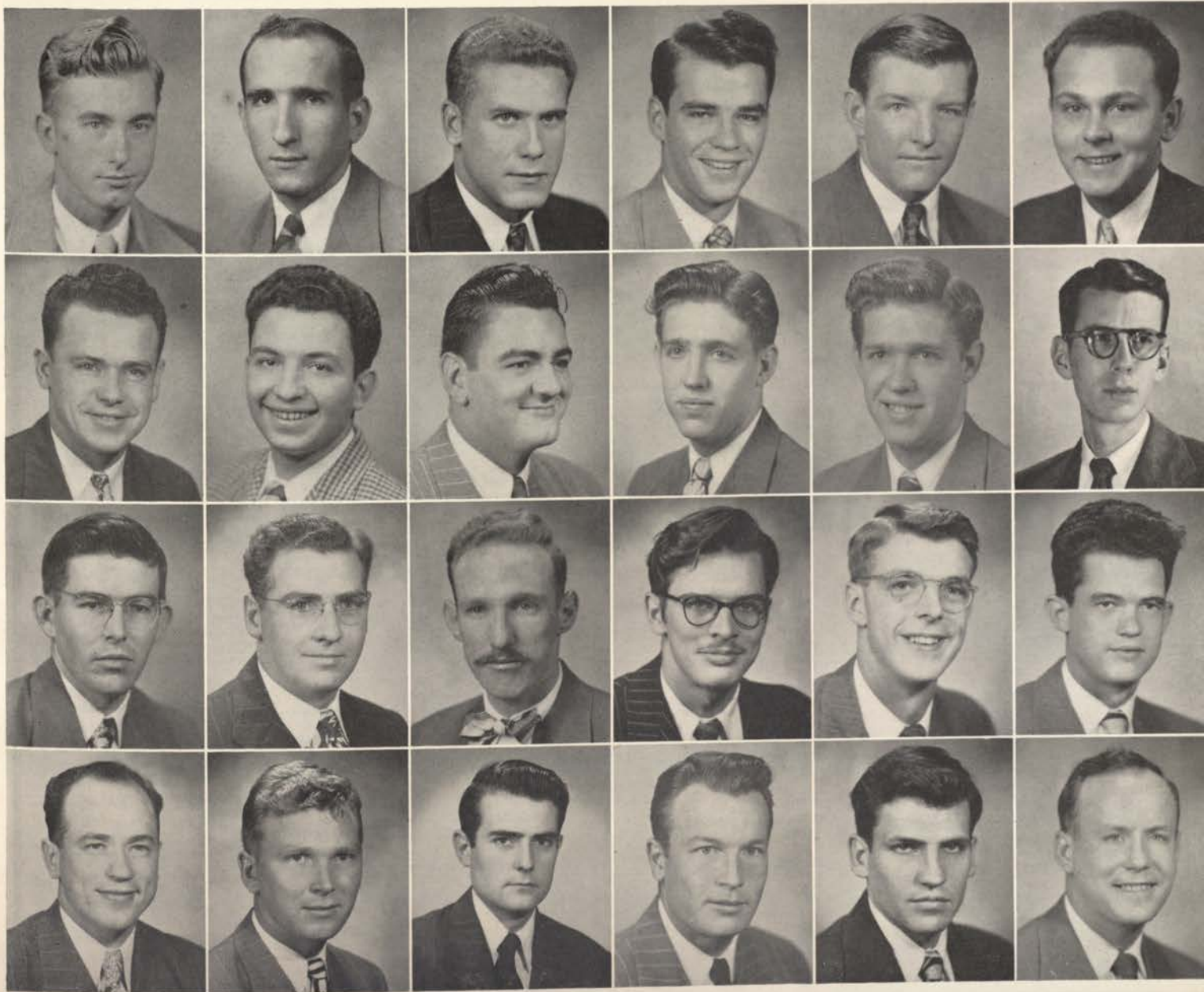
Campbell
 Carlson
 Castelli
 Cheadle

Campion
 Carmody
 Castrale
 Church

Callahan
 Carney
 Cavanaugh
 Clark, H.

Carl
 Carter
 Cawfield
 Clark, W.

Eggemann, Robert V.....Alton, Ill.	Fahs, Donald G.....Auburn, Ill.	Ferry, Robert S.....Bradford, Pa.
Eichholz, Joseph H.....St. Louis, Mo.	Faires, Glenn R.....Greenville, Ill.	Feucht, Ronald E.....St. Louis, Mo.
Eidson, Dennis L.....Colfax, Ill.	Faith, Robert V.....Montevalla, Mo.	Fiebelman, Jacob P.....Rolla, Mo.
Eldridge, Adelbert K.....St. Louis, Mo.	Fann, Rainey W.....Vichy, Mo.	Fields, Elbert C.....St. Louis, Mo.
Elliott, James O.....Rolla, Mo.	Fannin, Eugene R.....St. Louis, Mo.	Fields, Ernest.....St. Louis, Mo.
Ellis, Bill R.....Advance, Mo.	Farrow, Charles T.....Cape Girardeau, Mo.	Filer, Earle H.....Albion, N. Y.
Elslander, John E.....Driver, Ark.	Faulkner, William C.....Belleville, Ill.	Finch, Frank.....Grayville, Ill.
Erb, Robert D.....Springfield, Mo.	Faulkner, William H.....Rolla, Mo.	Firman, Eugene F.....St. Louis, Mo.
Erskine, Robert H.....Springfield, Ill.	Feltz, William R.....Overland, Mo.	Fischer, Richard.....Trenton, N. J.
Etz, Carl E.....Overland, Mo.	Fermann, Robert D.....Baldwin, N. Y.	Fleig, John A.....Little Rock, Ark.
Evans, James L.....Mexico, Mo.	Ferry, Charles R.....Zeigler, Ill.	Flippo, Robert V.....Steelville, Mo.



Clausen
Compos
Crabtree
Dare

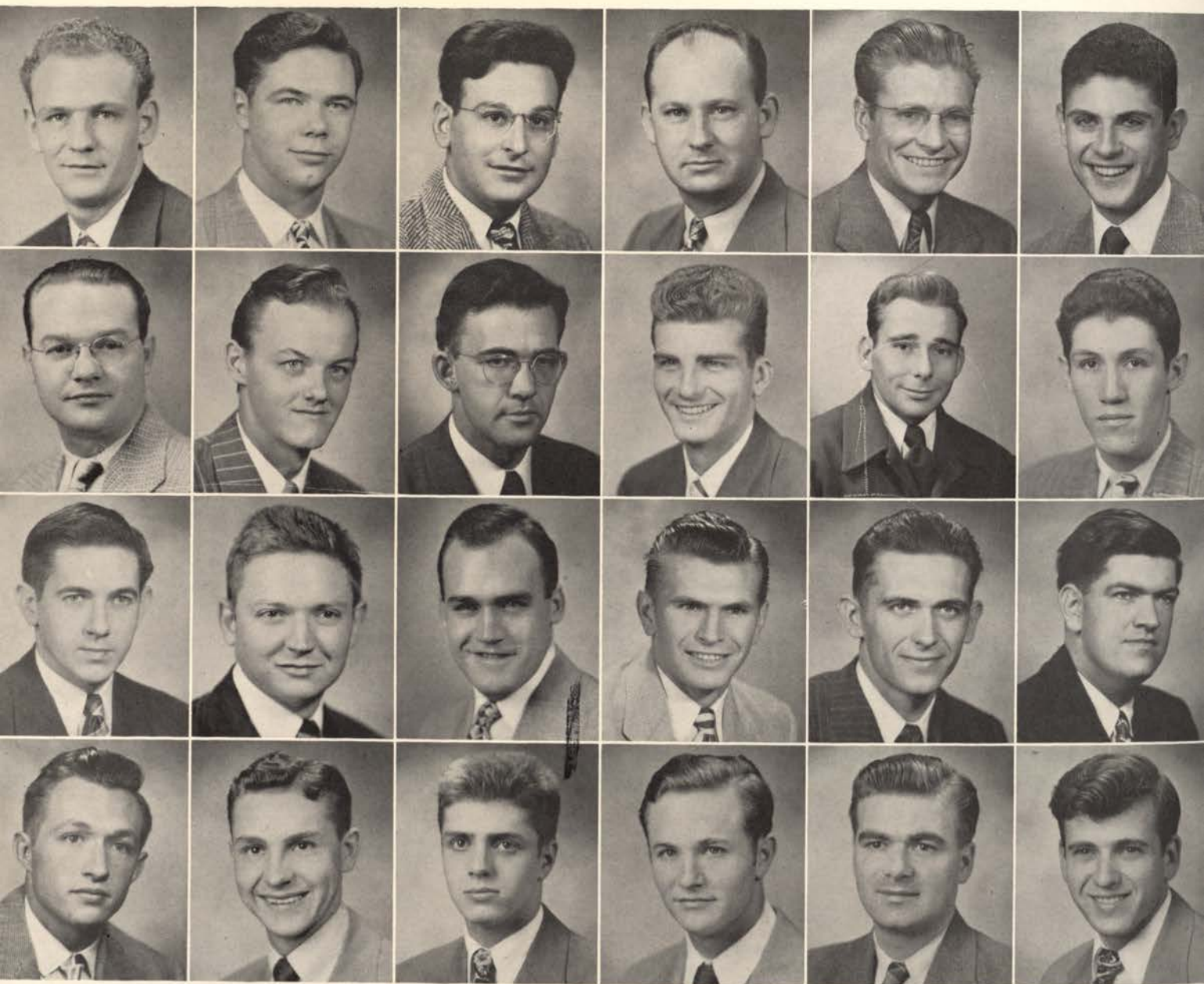
Cochran
Coriglano
Crimmins
Dasenbrock

Coffelt
Corey
Crocker
Davis, R. E.

Coffman
Cotner, J. A.
Crull
Davis, R. W.

Coolbaugh
Cotner, J. E.
Daetz
Day

Collins
Cox
Dampf
Deckard



Deeken
Dillender
Donovan
Durenberger

DelPorte
Dillon
Drake
East

DeLurgio
Dionesotes
Dressler
Eck

Deppe
Dixon
Duerr
Eckert

Deshon
Doane
Duncan
Edgington

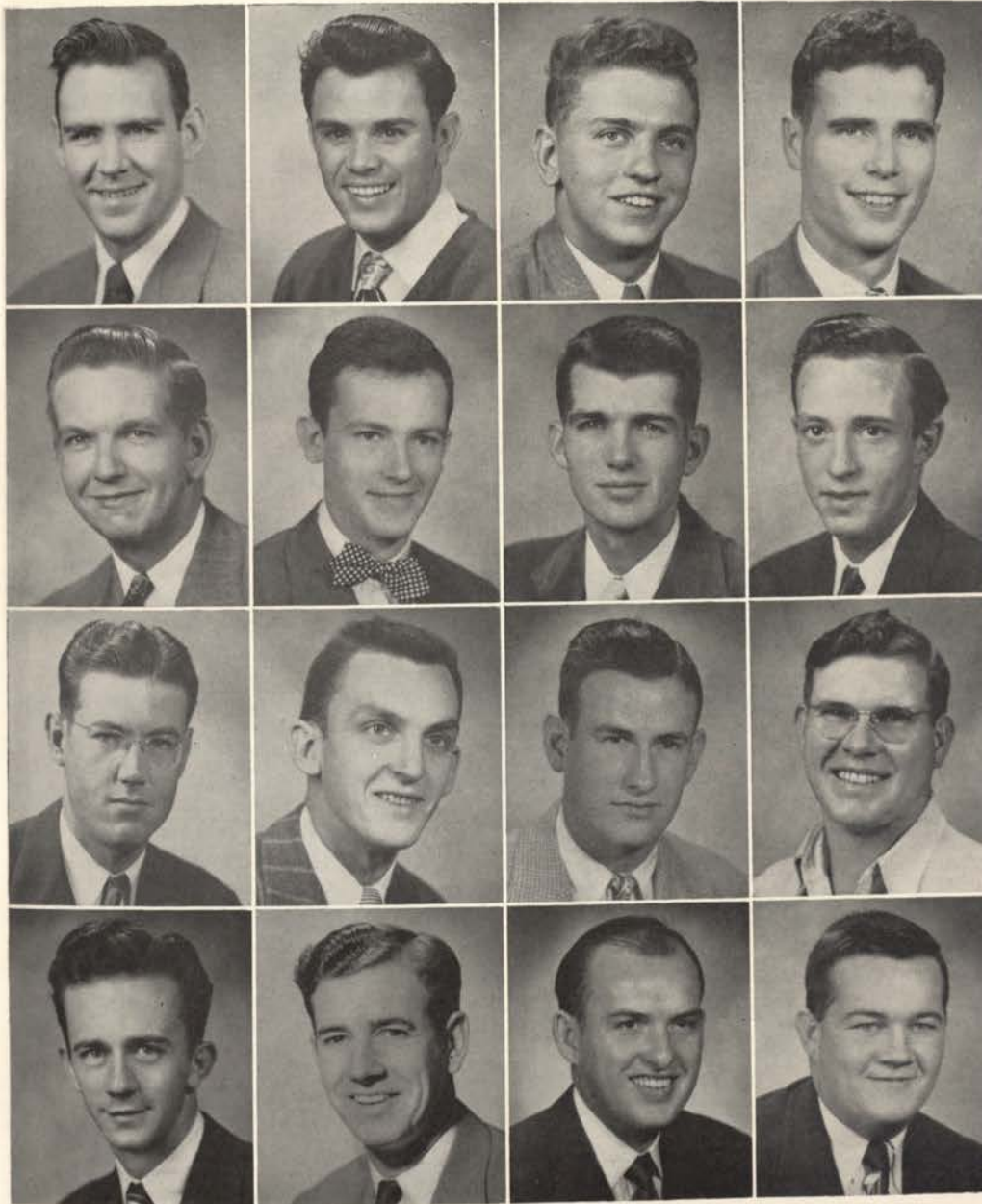
Deutch
Dolecki
Duncil
Edwards, R. F.

Florian, Andrew M.....Orient, Ill.
Flynn, John D.....St. Louis, Mo.
Fossi, Robert L.....Ridgefield, Conn.
Fox, William F.....University City, Mo.
Franklin, Robert O.....Normandy, Mo.
Franks, Arthur L.....Rolla, Mo.
Frazier, Richard M.....Oak Park, Ill.
Freeman, Clyde C.....Poplar Bluff, Mo.
Freeman, David J.....West Plains, Mo.
Freeman, Joseph E.....Baylis, Ill.
Freuler, Paul A.....Webster Groves, Mo.

Fuchs, Richard C.....Belleville, Ill.
Fugate, David F.....Weaubleau, Mo.
Fulghum, Weldon F.....Rosiclare, Ill.
Fulks, William E.....Rolla, Mo.
Funk, Harry C.....Belleville, Ill.
Futo, William R.....Rolla, Mo.
Gabelmann, Bill L.....St. Louis, Mo.
Gaddy, Joseph H.....Newburg, Mo.
Gallagher, Rodger E.....Rolla, Mo.
Gallimore, Hal G.....Evanston, Ill.
Garino, Joseph E.....Benld, Ill.

Garvey, Glen.....Webster Groves, Mo.
Gates, Robert W.....Rolla, Mo.
Gehrig, Dee R.....Centralia, Ill.
Geiger, Gerald A.....St. Louis, Mo.
Geiss, Edward G.....Riverside, Ill.
George, Orvin K.....Bell City, Ill.
George R. J.....Bell City, Mo.
Gergeceff, George W.....Granite City, Ill.
Gerler, Vernon M.....Altenburg, Mo.
Giacomelli, Savino.....Johnston City, Ill.
Gibbs, Louis A.....New Rochelle, N. Y.

Junior Class 1949



Edwards, R. V.
Elliott
Evans
Fannin

Edwards, W. J.
Ellis
Fahs
Faulkner

Eidson
Erskine
Faith
Ferguson

Eldridge
Etz
Fann
Fermann

Gillen, David U.....Bloomington, Ill.
Gilmore, John W.....Highland, Kans.
Gimbrone, George L.....Buffalo, N. Y.
Glenn, David E.....Carthage, Mo.
Glenn, Donald L.....Edwardsville, Ill.
Glover, Thomas O.....Rolla, Mo.
Gminski, Eugene S.....Albion, N. Y.
Goodding, Alan C.....Atlanta, Mo.
Gore, Arthur G.....Morris, Ill.
Gorling, A. W.....Rolla, Mo.
Gosen, Theodore H.....Rolla, Mo.

Gould, David S.....Alton, Ill.
Graffagna, Richard C.....Elgin, Ill.
Graves, Clarence E.....Rolla, Mo.
Gray, Ivan L.....Carthage, Ill.
Greco, Louis E.....St. Louis, Mo.
Green, Paul W.....St. Louis, Mo.
Green, William G.....Ft. Leonard Wood, Mo.
Greenberg, Aaron J.....St. Louis, Mo.
Greenblatt, Albert M.....St. Louis, Mo.
Greene, Frank S.....Winfield, Ala.
Greer, Bill J.....Sikeston, Mo.

Surveyors???

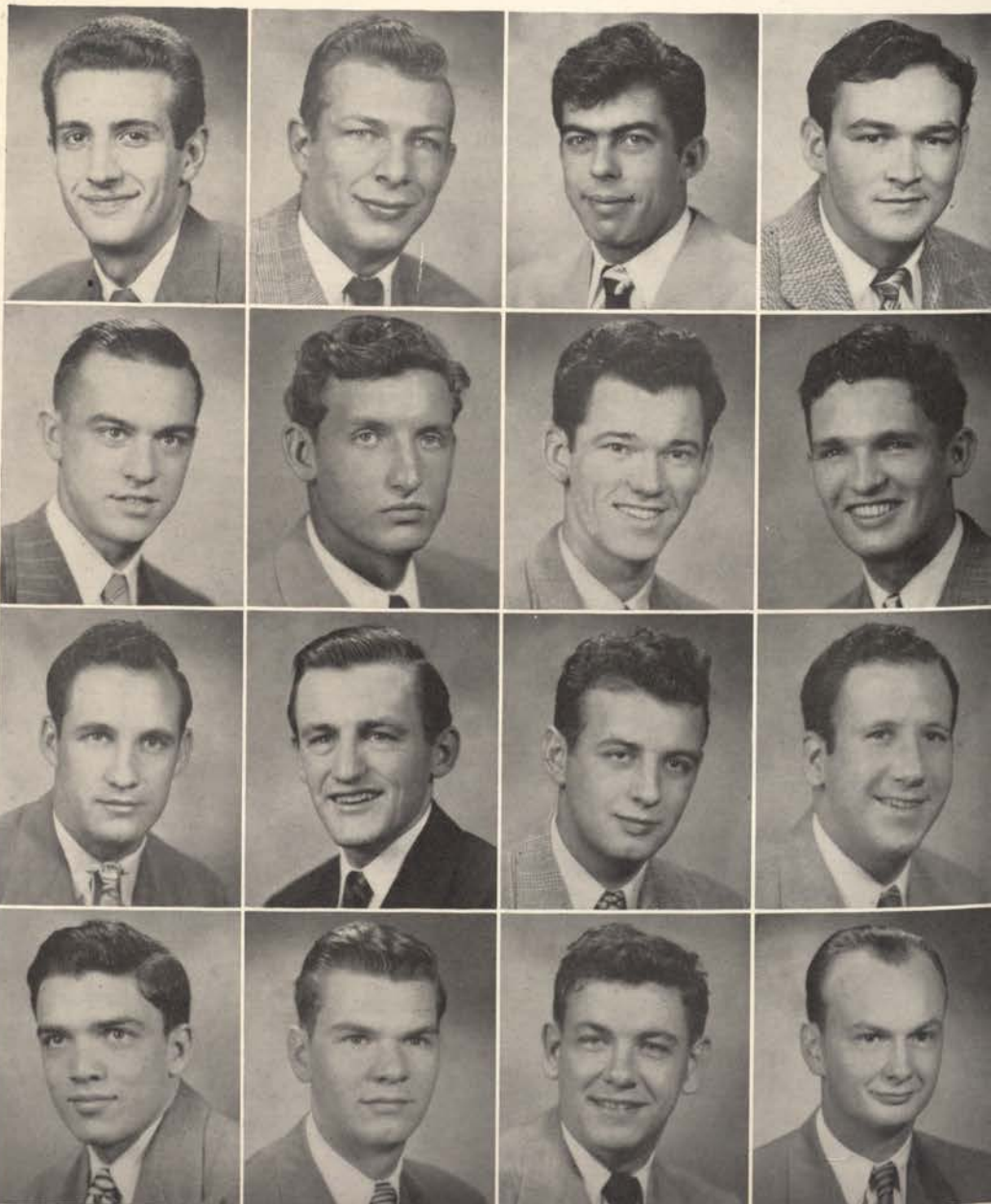




Blowing up a storm.

Junior Class 1949

Greer, Douglas P.....	East St. Louis, Ill.	Haas, Paul A.....	Rolla, Mo.
Gregory, Scott H.....	Shokie, Ill.	Hackel, William K.....	St. Louis, Mo.
Gremmelsbacher, Joseph H.....	St. Louis, Mo.	Hagan, Warren E.....	Rolla, Mo.
Grevin, Goodwill H.....	Chicago, Ill.	Hall, Roy E.....	Rolla, Mo.
Griffin, Donald C.....	Manhasset, N. Y.	Hallemann, Joseph E.....	New Haven, Mo.
Grimm, David C.....	St. Louis, Mo.	Ham, Horace B.....	Mt. Grove, Mo.
Grothaus, Joseph V.....	Fulton, Mo.	Hamlin, Leonard D.....	Kansas City, Mo.
Gurley, Lannes L.....	East Alton, Ill.	Hamman, Rufus W.....	Jonesboro, Ark.
Gurnes, Robert F.....	Flat River, Mo.	Hammond, Gerald L.....	Rolla, Mo.
Guth, Jack E.....	St. Louis, Mo.	Hammond, James Q.....	West Plains, Mo.
Guzzy, Frank G.....	Yonkers, N. Y.	Hampson, Walter L.....	Sedalia, Mo.



Ferry, C.
Filer
Florian
Fox

Ferry, R.
Finch
Flynn
Frazier

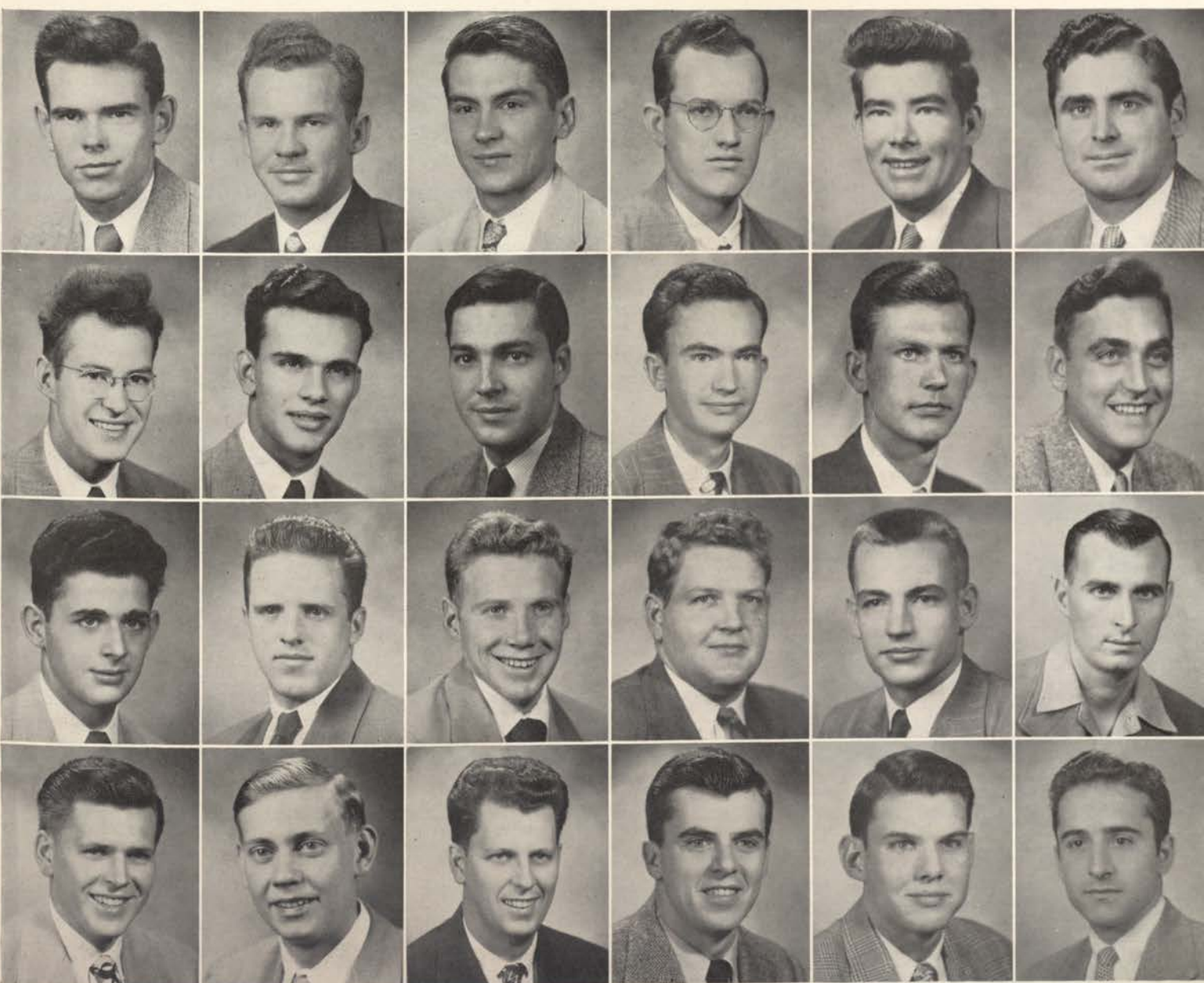
Feucht
Fischer
Fossi
Franklin

Fields
Flipppo
Foster
Franks

Hankins, Joe D.....Sedalia, Mo.
Hansbrough, Frank G.....Palmyra, Mo.
Hanson, Tom L.....Joliet, Ill.
Harper, Jack.....Cairo, Ill.
Harrawood, Paul.....Godfrey, Ill.
Harris, William M.....St. Louis, Mo.
Harrison, Robert M.....Benton, Mo.
Hart, Francis H.....Peoria, Ill.
Hart, James W.....Skidmore, Mo.
Hart, Wayne D.....Orient, Ill.
Hauser, Maximilian E.....Glendale, Mo.

Hawkins, Irvin J.....Salem, Mo.
Haymes, William G.....Springfield, Mo.
Heacock, David J.....Gloversville, N. Y.
Heath, Donald L.....Rolla, Mo.
Hebert, Robert E.....Troy, N. Y.
Heidbreder, Warren O.....Palmyra, Mo.
Heil, John B.....St. Louis, Mo.
Heislor, William B.....Pinckneyville, Ill.
Hellriegel, Edgar J.....New York, N. Y.
Helwig, Arthur W.....Kirkwood, Mo.
Henderson, Edward H.....Thebos, Ill.

Henderson, William B.....Lancaster, O.
Henry, Ellis C.....St. Louis, Mo.
Hercules, Francis P.....St. Charles, Mo.
Herley, David F.....Kansas City, Kans.
Hernan, John F.....St. Louis, Mo.
Herrmann, Thomas A.....University City, Mo.
Hetherington, James L.....Avon Park, Fla.
Heying, Lewis M.....Glasgow, Mo.
Higgins, Albert J.....Potosi, Mo.
Higgins, Wilton G.....Lemay, Mo.
Hilburn, James O.....Kansas City, Mo.



Freeman, D.
Gates
Graffagna
Gminski

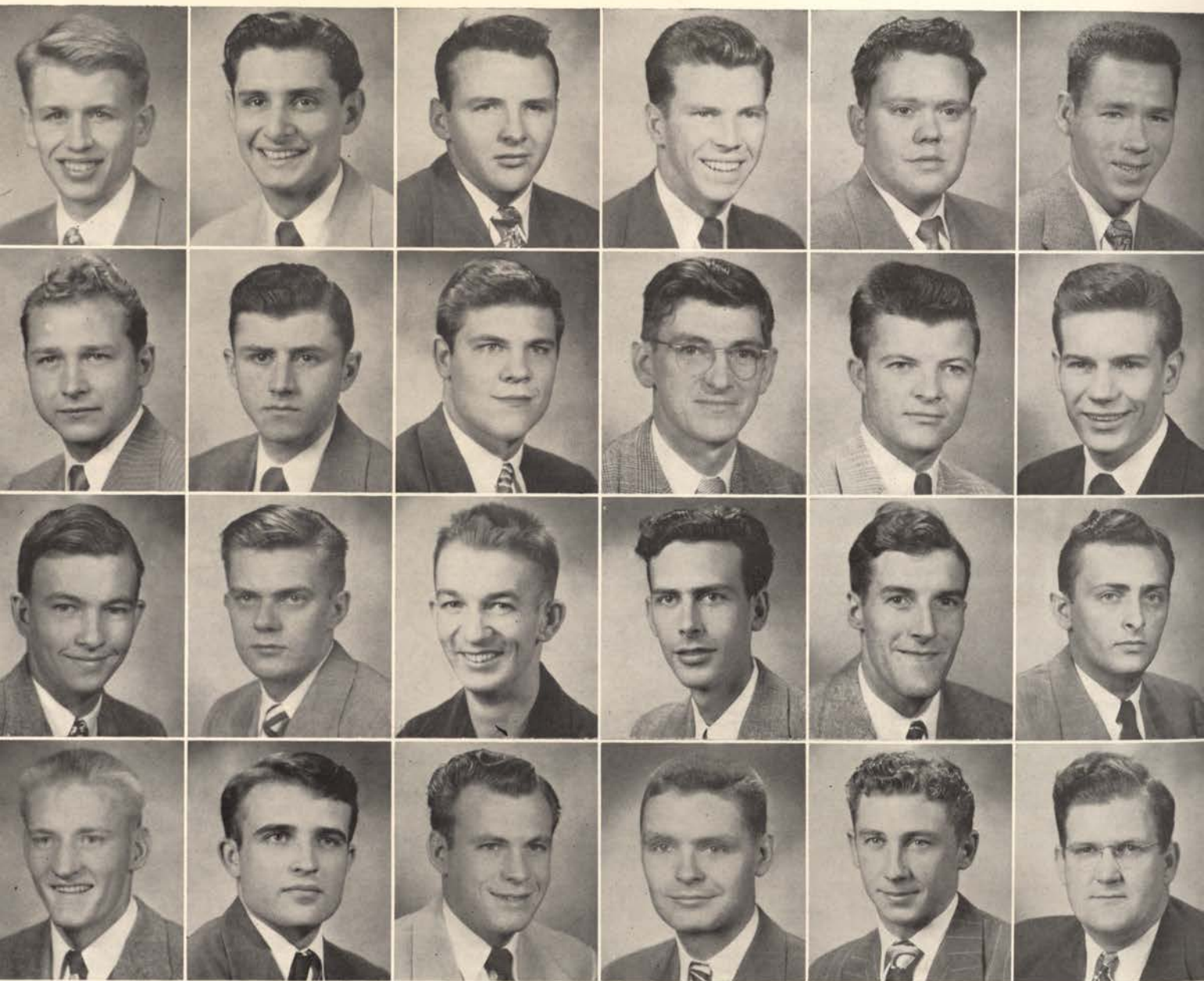
Freeman, J.
Gehrig
Gibbs
Gore

Freuler
Geiger
Gillen
Gosen

Fugate
George, O.
Gilmore
Gould

Fulchum
George, R.
Glenn
Graves

Garino
Gergeceff
Glover
Greco



Green
Grevin
Haas
Hammond, J.

Greenblatt
Griffin
Hackel
Hampson

Greene
Gruendler
Hagan
Hamlin

Greer, B.
Guzzy
Hallemann
Hanson

Greer, D.
Gurnea
Ham
Harper

Gregory
Guth
Hammond, G.
Harris

Hilgenbrink, John T.....Hannibal, Mo.
Hinch, Victor M.....St. Louis, Mo.
Hissom, Robert C.....East Liverpool, O.
Hitit, Huseyin A.....Bolu, Turkey
Hobelman, Martin.....Rolla, Mo.
Hockett, Donald D.....East Alton, Ill.
Hoeffler, Calvin A.....Brooklyn, N. Y.
Hoffman, George Cecil.....High Bridge, N. J.
Hollenbach, Bernard D.....Amazonia, Mo.
Hollingsworth, Cecil S.....Rolla, Mo.
Hollis, William.....Rolla, Mo.

Holme, Rudolph N.....Lynbrook, N. Y.
Holmes, Thomas A.....Wilmington, Mass.
Holtgrieve, Bill M.....St. Louis, Mo.
Honerkamp, Donald L.....St. Charles, Mo.
Hook, Henry A.....Vienna, Ill.
Horsley, Joseph J.....Sikeston, Mo.
Horst, William E.....Kirkwood, Mo.
Horton, Donald W.....St. Louis, Mo.
Haughton, Clark F.....St. Louis, Mo.
Houk, Clarence C.....St. Louis, Mo.
Houska, Howard.....St. Louis, Mo.

Hovis, Floyd E.....River Mines, Mo.
Howard, Hilden D.....St. Louis, Mo.
Howell, Bennett D.....Mundeline, Ill.
Howes, George E.....Pelham Manor, N. Y.
Huber, Paul A.....Perryville, Mo.
Hudson, Albrose J.....Niagara Falls, N. Y.
Huffer, James O.....East St. Louis, Ill.
Huffer, Richard D.....East St. Louis, Ill.
Hughes, James W.....Dixon, Mo.
Humphrey, Waldo D.....Kansas City, Kans.
Hursh, Clyde L.....Rolla, Mo.

Junior Class 1949



Harrison
Hawkins
Heidbreder
Henry

Hart, F.
Haymes
Heisler
Hercules

Hart, W.
Hebert
Hellriegel
Hernan

Hauser
Heil
Helwig
Herrmann

Hutchings, Louis E.....Morris, Ill.
Hutchison, Alden C.....Springfield, Mo.
Hutchinson, Leigh.....LaGrange, Ill.
Hymes, Charles R.....Osage Beach, Mo.
Imus, Ben W.....Rolla, Mo.
Isbell, Clarence A.....Union City, Conn.
Iten, Henry C.....St. Louis, Mo.
Iversen, Reid E.....Springfield, Ill.
Jadwick, John E.....Chicago, Ill.
James, David D.....Springfield, Mo.
Jamieson, George W.....St. Louis, Mo.

Jare, Jacob.....St. Louis, Mo.
Jayne, Harold M.....Trenton, Mo.
Jeffries, Norman W.....Rolla, Mo.
Jenkins, Donald H.....Pine Bluff, Ark.
Johnson, Edward L.....Joplin, Mo.
Johnson, John C.....Rialto, Calif.
Johnson, Ray B.....Bradleyville, Mo.
Johnson, Warren H.....Schiller Park, N. Y.
Johnston, Henry M.....Morris, Ill.
Johnston, Ralph D.....West Plains, Mo.
Johnston, Ralph E.....St. Louis, Mo.

Arthur Murray pupil.

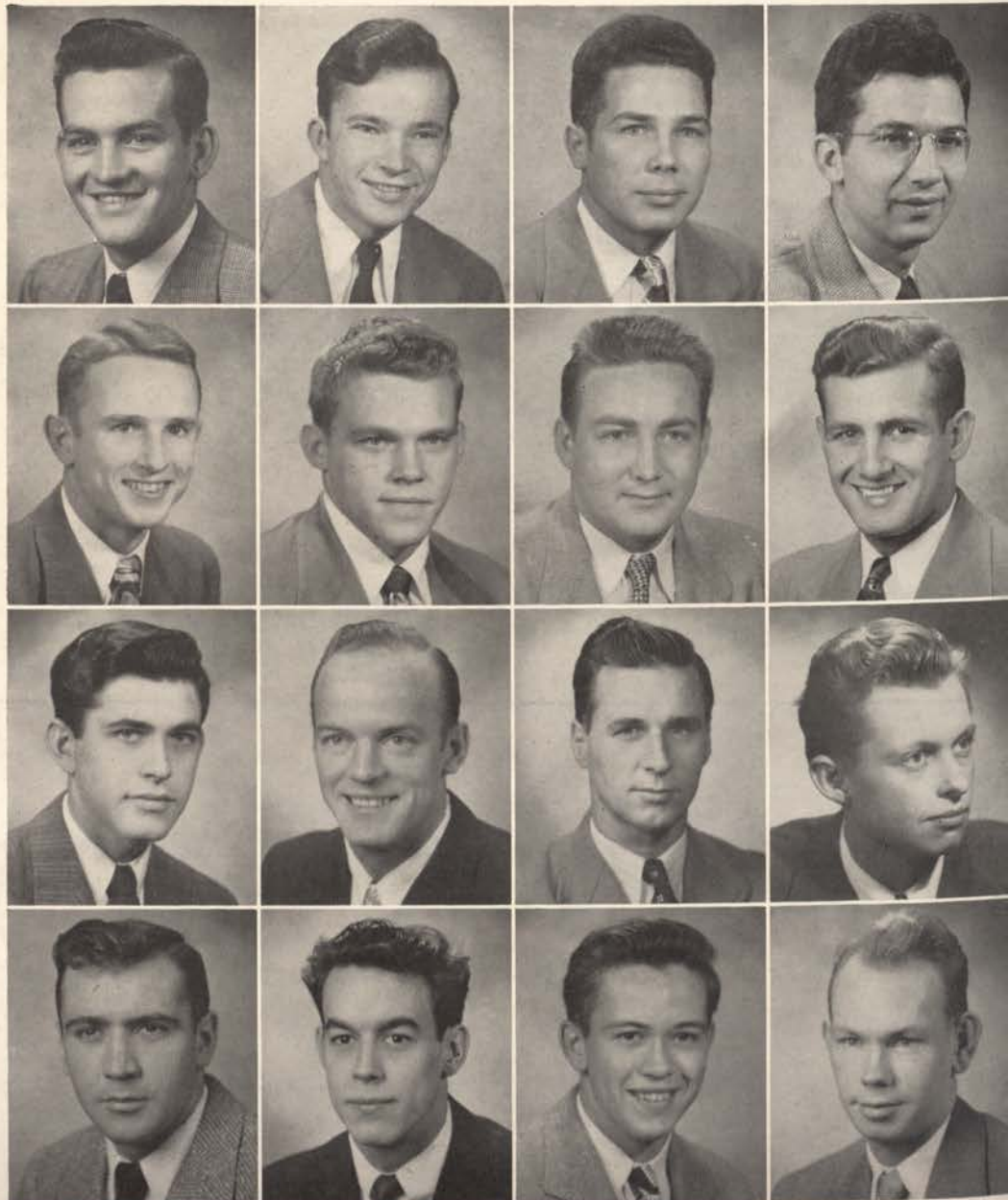




Who's afraid of the dark?

Junior Class 1949

Johnston, Robert A.....	Pevely, Mo.	Kapernaros, Elias L.....	Ames, Ia.
Jones, Lester G.....	St. Louis, Mo.	Karigan, William A.....	Sedalia, Mo.
Jones, Richard C.....	Lee's Summit, Mo.	Karr, Ralph J.....	St. Louis, Mo.
Jones, Robert W.....	Brookfield, Mo.	Kastanas, Andrew G.....	St. Louis, Mo.
Jones, Shelvy B.....	Rolla, Mo.	Kasten, Kenneth G.....	Jackson, Mo.
Jones, Stanley H.....	Dixon, Mo.	Kauffman, Edward E.....	Princeton, Mo.
Jones, William H.....	Western Springs, Ill.	Kehr, Edwin A.....	St. Louis, Mo.
Jorcke, Oliver A.....	Rolla, Mo.	Keller, Gerald N.....	Savannah, Mo.
Joslin, Irwin L.....	Springfield, Mo.	Keller, Russell M.....	Malverne, N. Y.
Kaiser, Warren F.....	St. Louis, Mo.	Kelley, George H.....	Marblehead, Mass.
Kallbrier, Joseph E.....	Rolla Mo.	Kelley, William O.....	Baxter Springs, Kans.



Hetherington
Hobelman
Hollenbach
Holmes

Higgins
Hockett
Hollingsworth
Holtgrieve

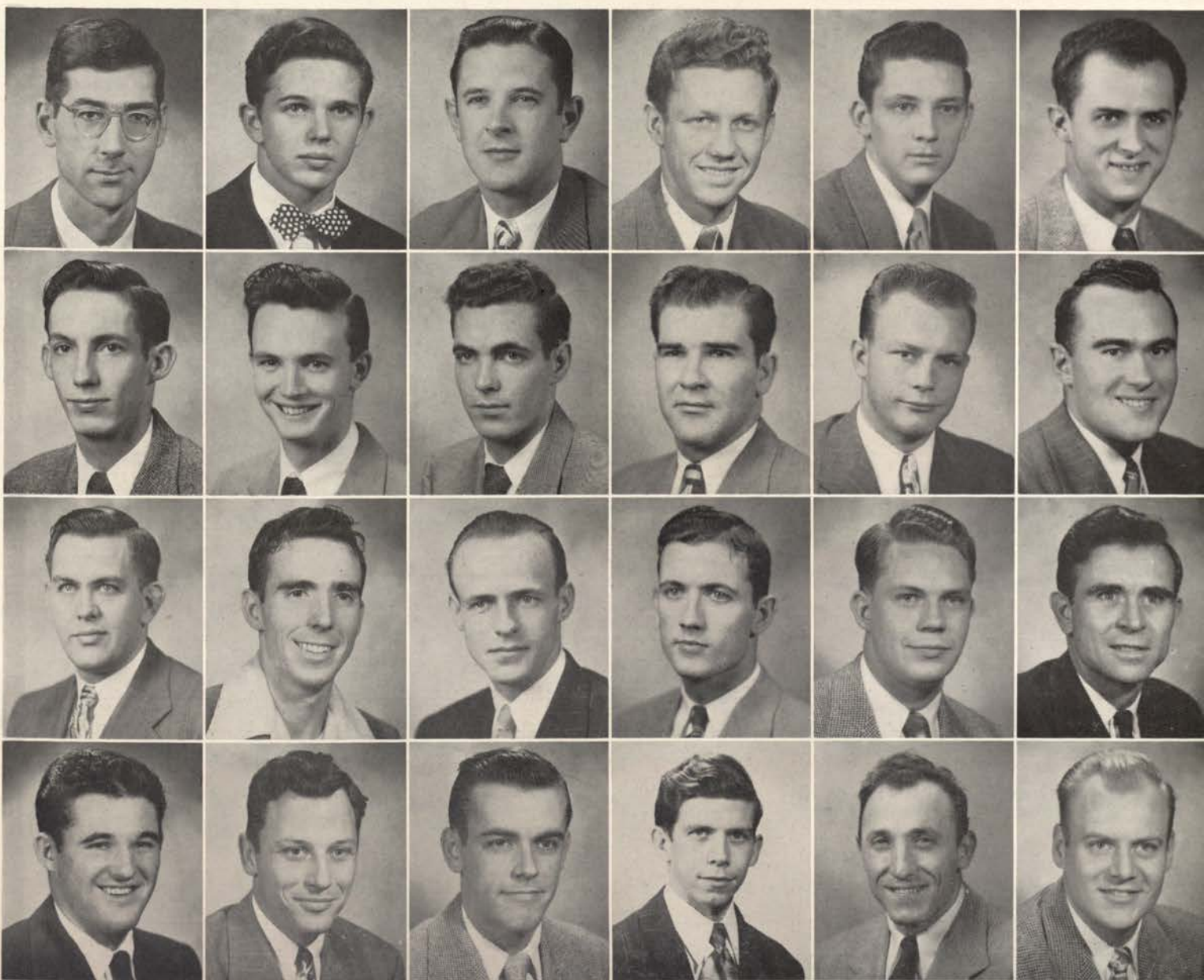
Hinch
Hoeffler
Hollis
Honerkamp

Hissom
Hoffman
Holme
Hook

Kelly, Peter B.....Princeton, Mo.
 Kennedy, J. C.....Rolla, Mo.
 Ketz, John J.....Gary, W. Va.
 Kieffer, William J.....Maplewood, Mo.
 Kimball, Charles T.....St. Louis, Mo.
 Kime, Max D.....Jamesport, Mo.
 Kinder, David C.....Carlyle, Ill.
 King, Alvin C.....Granite City, Ill.
 King, Donald T.....Indianapolis, Ind.
 Kingsborough, Donald G.....Kansas City, Mo.
 Kirby, John R.....Chillicothe, Mo.

Kirchhoefer, Albert F.....St. Louis, Mo.
 Klaber, George B.....St. Louis, Mo.
 Klaus, Irvin.....New Brunswick, N. J.
 Klein, Roger E.....Kirkwood, Mo.
 Kleine, Paul J.....St. Louis, Mo.
 Klemme, Alfred T.....St. Louis, Mo.
 Kline, Charles R.....Centralia, Ill.
 Knappert, John W.....Chicago, Ill.
 Knauer, Robert T.....St. Louis, Mo.
 Knepper, Andrew E.....Fair Grove, Mo.
 Knigge, Clemens E.....Evansville, Ill.

Knight, George L.....Webster Groves, Mo.
 Knoernschild, Ralph J.....St. Charles, Mo.
 Knowles, Carl M.....Springfield, Mo.
 Kneuppel, Ronald L.....Affton, Mo.
 Koch, Jack N.....Clayton, Mo.
 Koenig, Wesley B.....New Athens, Ill.
 Kollasch, Edward J.....Purdin, Mo.
 Kollmar, Leonard V.....Irvington, N. J.
 Koppel, Peter J.....Villa Park, Ill.
 Kottwitz, Wayne E.....Nokomis, Ill.
 Kovach, John J.....Woodriver, Ill.



Horsley
 Hovis
 Hutchison, A.
 Iversen

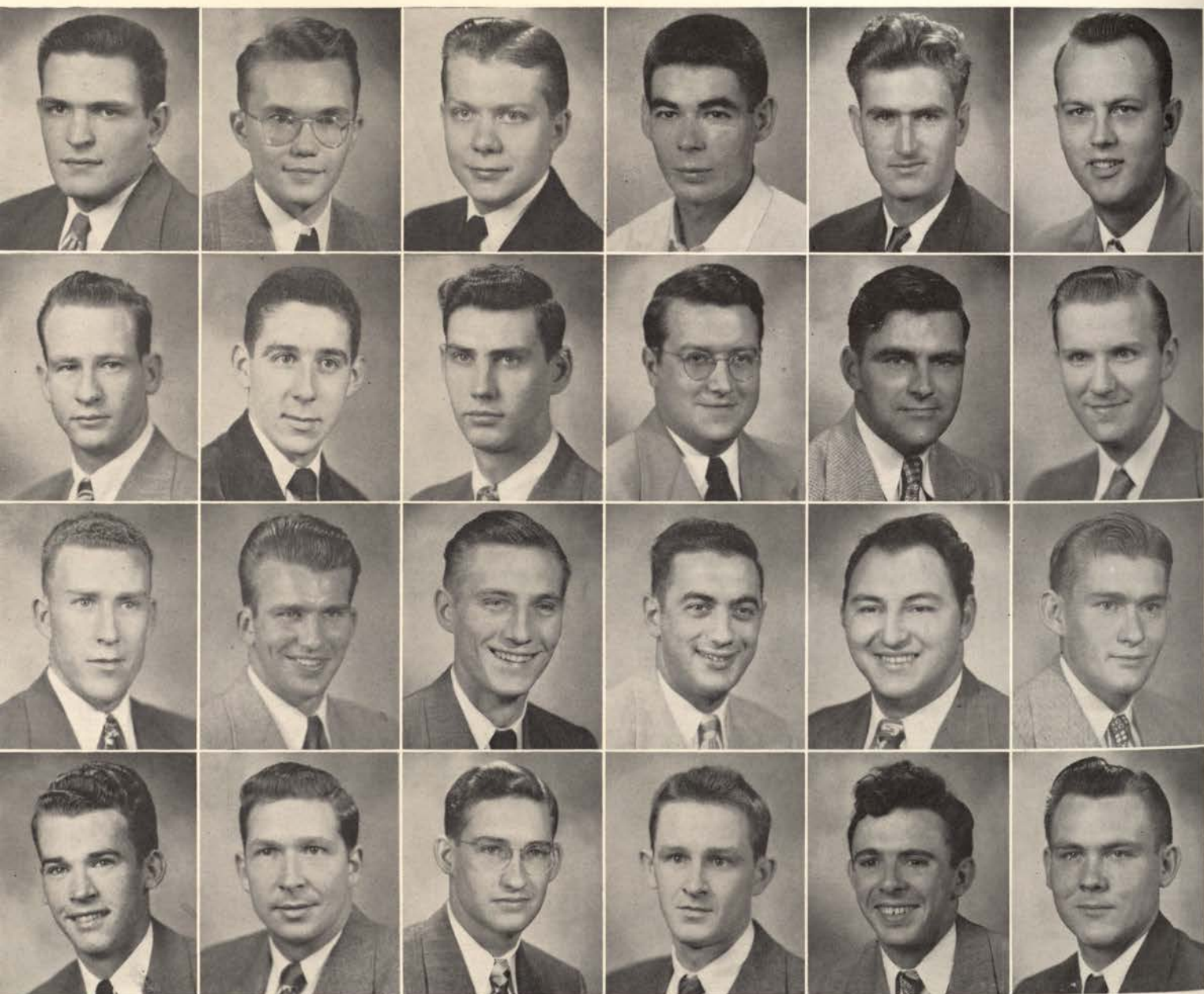
Horst
 Howard
 Hutchison, L.
 Jadwick

Horton
 Howell
 Hynes
 James

Houghton
 Huber
 Imus
 Jamieson

Houk
 Hurst
 Isbell
 Jare

Houska
 Hurst
 Iten
 Jorcke



Jayne
Johnston, R. A.
Joslin
Krauffman

Jeffries
Johnston, R. E.
Kaiser
Kehr

Johnson, E.
Jones, L.
Kallbrier
Keller

Johnson, J.
Jones, R.
Kapernaros
Kelley

Johnson, R.
Jones, S.
Kastanas
Kelly

Johnston, H.
Jones, W.
Kasten
Kennedy

Kowaleki, Thomas A.....Richmond Hts., Mo.
Koziboski, Edward A.....St. Louis, Mo.
Krainess, Albert M.....New York, N. Y.
Kramer, Frank A.....University City, Mo.
Kraus, Karl L.....University City, Mo.
Krause, Arthur M.....Albany, N. Y.
Krautschneider, Karl L.....St. Louis, Mo.
Krautter, Henry J.....Irvington, N. J.
Krawets, Joseph S.....St. Louis, Mo.
Kreienkamp, Ralph D.....Glencoe, Mo.
Kreitzman, Donald O.....Gary, Ind.

Kruger, John H.....Landover Hills, Md.
Kruse, Arthur O.....St. Louis, Mo.
Kuebrich, Herbert P.....Dunkirk, N. Y.
Kuehnert, Arlen E.....Cape Girardeau, Mo.
Kuhlman, Ennis A.....Concordia, Mo.
Kunz, Charles O.....St. Louis, Mo.
Kwadas, Edward J.....Eagarville, Ill.
Kyburz, Edward P.....Hempstead, N. Y.
Laird, Harry W.....Malvern, Ark.
Lancaster, Edgar M.....Jefferson City, Mo.
Landis, Edwin R.....Shrewsbury, Mo.

Lange, Clarence A.....St. Louis, Mo.
Langston, Merritt E.....Peoria, Ill.
Lansford, Raymond E.....Rolla, Mo.
Laubach, Eugene M.....Little Rock, Ark.
Lavery, Frederick G.....Rolla, Mo.
Lawrence, Edwin F.....Rolla, Mo.
Lay, George R.....St. Louis, Mo.
Leach, Willard E.....Ellsinore, Mo.
Ledford, Raymond C.....Hannibal, Mo.
Lee, Kenneth Q.....St. Louis, Mo.
Leonard, Robert H.....Rolla, Mo.

Junior Class 1949



Ketz
King, D.
Klaus
Klemme

Kieffer
Kingsborough
Klein
Knappert

Kinder
Kime
Kleine
Knepper

King, A.
Kirby
Kline
Knigge

Leverett, Virgil A.....Rolla, Mo.
Lewis, James W.....Kansas City, Mo.
Lichius, Kenneth W.....Chesterfield, Mo.
Lidster, William A.....Alton, Ill.
Lieber, Gerald.....St. Louis, Mo.
Liebsch, Jack A.....Wellston, Mo.
Lillibridge, Robin.....Granite City, Ill.
Lindimore, Eldon C.....Montrose, Mo.
Linkeman, Charles W.....Edwardsville, Ill.
Linkogle, Fred E.....Alton, Ill.
Loach, James A.....New Kensington, Pa.

Lodwick, Llewelyn N.....Colombiana, O.
Lohman, Harry C.....St. Louis, Mo.
Longolius, Walter C.....Lemay, Mo.
Lowe, Gerald E.....Springfield, Mo.
Luetjen, Hulen H.....Smithton, Mo.
Lukrofka, Lovell J.....Rolla, Mo.
Luthy, Edgar M.....Lebanon, Mo.
Lyons, Francis D.....Springfield, Mo.
Lyons, Francis L.....Brookfield, Mo.
Lyons, Roger B.....Rolla, Mo.
McClinton, John L.....St. Louis, Mo.

"Yo-Yo," the Plumber.





"Fiend" at work.

Junior Class 1949

McCombs, Roger E.....	Overland, Mo.	McGrath, Donaia R.....	Gary, Ind.
McCullough, Walter C.....	Rolla, Mo.	McIntyre, Albert B.....	Philadelphia, Pa.
McDermott, Arthur R.....	St. Louis, Mo.	McKenzie, Benjamin F.....	Rolla, Mo.
McDonald, Robert E.....	Springfield, Mass.	McMahan, Jack E.....	Cocoa, Fla.
McDonough, John D.....	Southgate, Calif.	McNally, Robert J.....	Dunkirk, N. Y.
McFadden, Hugh W.....	Chicago, Ill.	McNely, Warren E.....	East Alton, Ill.
McGaughey, Charles E.....	Keokuk, Ia.	McNichols, John R.....	St. Clair, Mo.
McGee, Richard L.....	Rolla, Mo.	McNulty, Patrick J.....	Springfield, Ill.
McGovern, Daniel E.....	St. Louis, Mo.	McVey, Joseph S.....	Rolla, Mo.
McGowen, John P.....	Laurens, S. C.	Mabie, Edward L.....	Lemay, Mo.
McGowan, Robert E.....	St. Louis, Mo.	Mabie, George W.....	Lemay, Mo.



Knight
Koenig
Kovach
Krainess

Knoernschild
Kollasch
Kowalski
Krautschneider

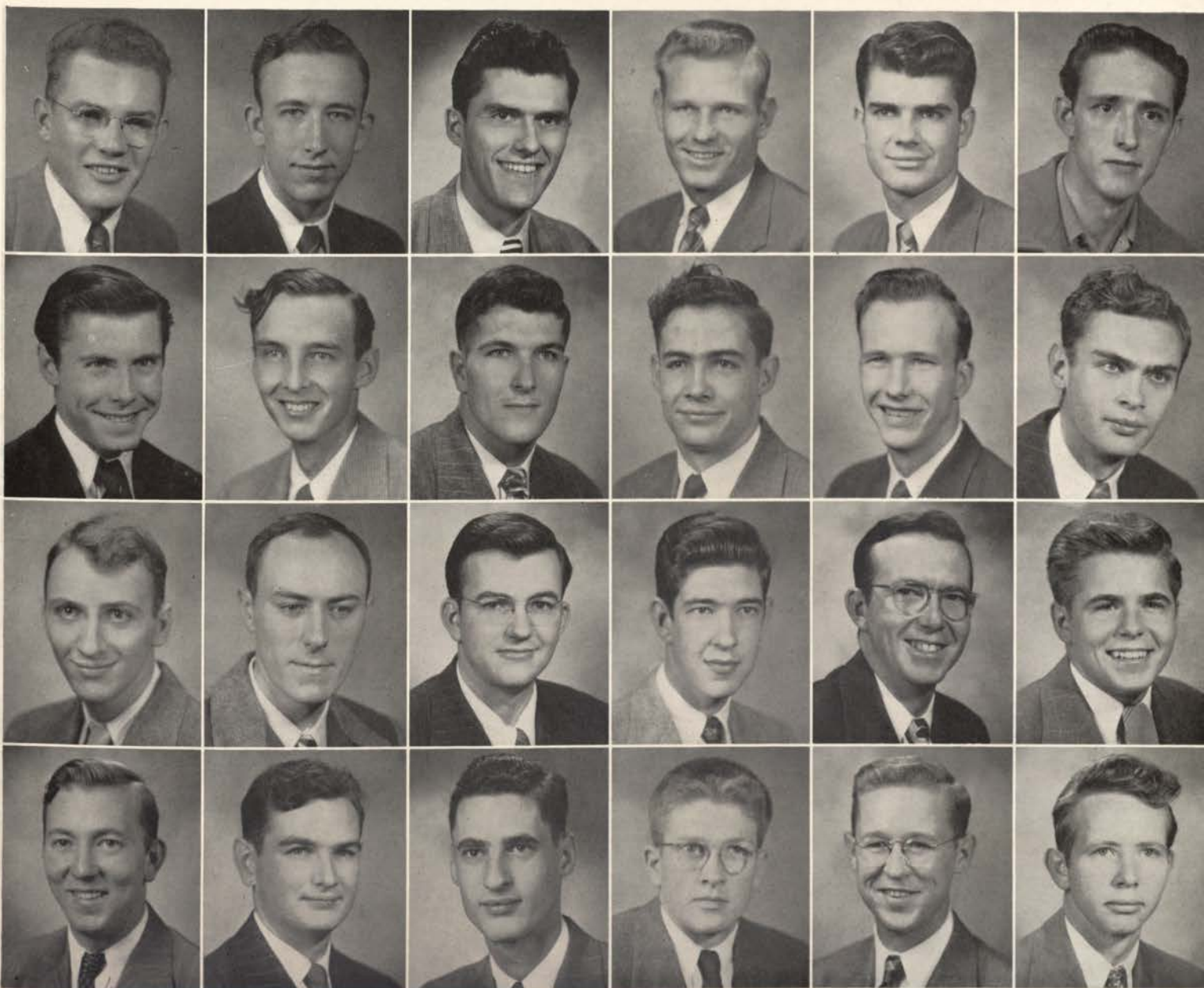
Knueppel
Koppel
Kraus
Kreitzman

Koch
Kottwitz
Krause
Kruse

MacAnanny, James H.....Worcester, Mass.
 MacDonald, David H.....Peoria, Ill.
 MacDonald, John B.....Roselle, N. J.
 Mace, Charles E.....Jefferson City, Mo.
 Madelung, William E.....Milford, Conn.
 Mahoney, Charles T.....Needham, Mass.
 Main, William J.....Chicago, Ill.
 Mallrich, Victor E.....Valley Park, Mo.
 Manetzke, Joseph C.....Eureka, Mo.
 Mann, Carl K.....St. Louis, Mo.
 Manning, Roy E.....Hurricane, W. Va.

Manocchio, Paul.....Boonton, N. J.
 Marcus, Leslie D.....University City, Mo.
 Marinkovic, Sergio F.....Zagreb, Yugoslavia
 Marshall, Donald W.....Gilman City, Mo.
 Martin, Bert E.....Evansville, Ind.
 Martin, Neil C.....Salem, Mo.
 Mason, Ernie V.....Roxana, Ill.
 Mason, Woodrow H.....St. Louis, Mo.
 Massa, Charles L.....Edwardsville, Ill.
 Matthews, Paul A.....Clayton, N. Y.
 Matlage, Raymond F.....Florissant, Mo.

Maxeiner, Wilbur R.....Alton, Ill.
 Means, Robert T.....Manchester, Mo.
 Megeff, Seymour.....Brooklyn, N. Y.
 Meier, Harvey W.....Brentwood, Mo.
 Meier, Howard F.....Rolla, Mo.
 Mendell, Robert H.....Jefferson City, Mo.
 Mengel, William K.....Rolla, Mo.
 Menzemer, Charles L.....St. Louis, Mo.
 Merkle, Robert J.....St. Louis, Mo.
 Merritt, Dwight A.....St. Louis, Mo.
 Mertens, Keith A.....St. Louis, Mo.



Kuehnert
 Lancaster
 Lay
 Lillibridge

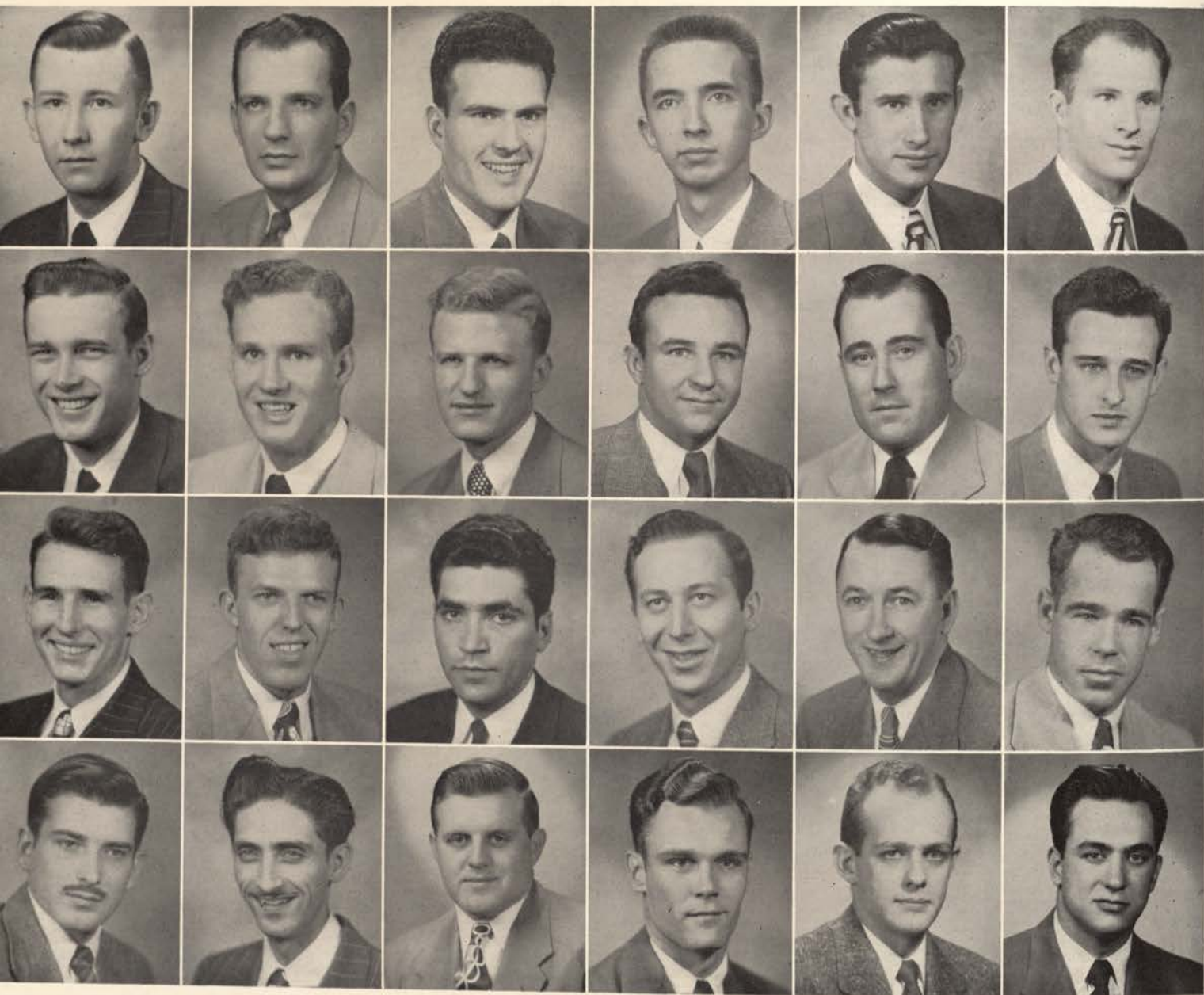
Kuhlman
 Landis
 Leach
 Lindimore

Kunz
 Langston
 Ledford
 Linkogle

Kwadas
 Lansford
 Lichius
 Lodwick

Kyburz
 Laubach
 Lidster
 Lohman

Laird
 Lawrence
 Liebsch
 Lowe



Luetjen
MacDonald, D.
Mallrich
Mason

Lukrofka
MacDonald, J.
Mann
Massa

Lyons, F.
Mace
Manocchio
Matthews

Lyons, R.
Madelung
Marcus
Mattlage

Mabie, G.
Mahoney
Marshall
Maxeiner

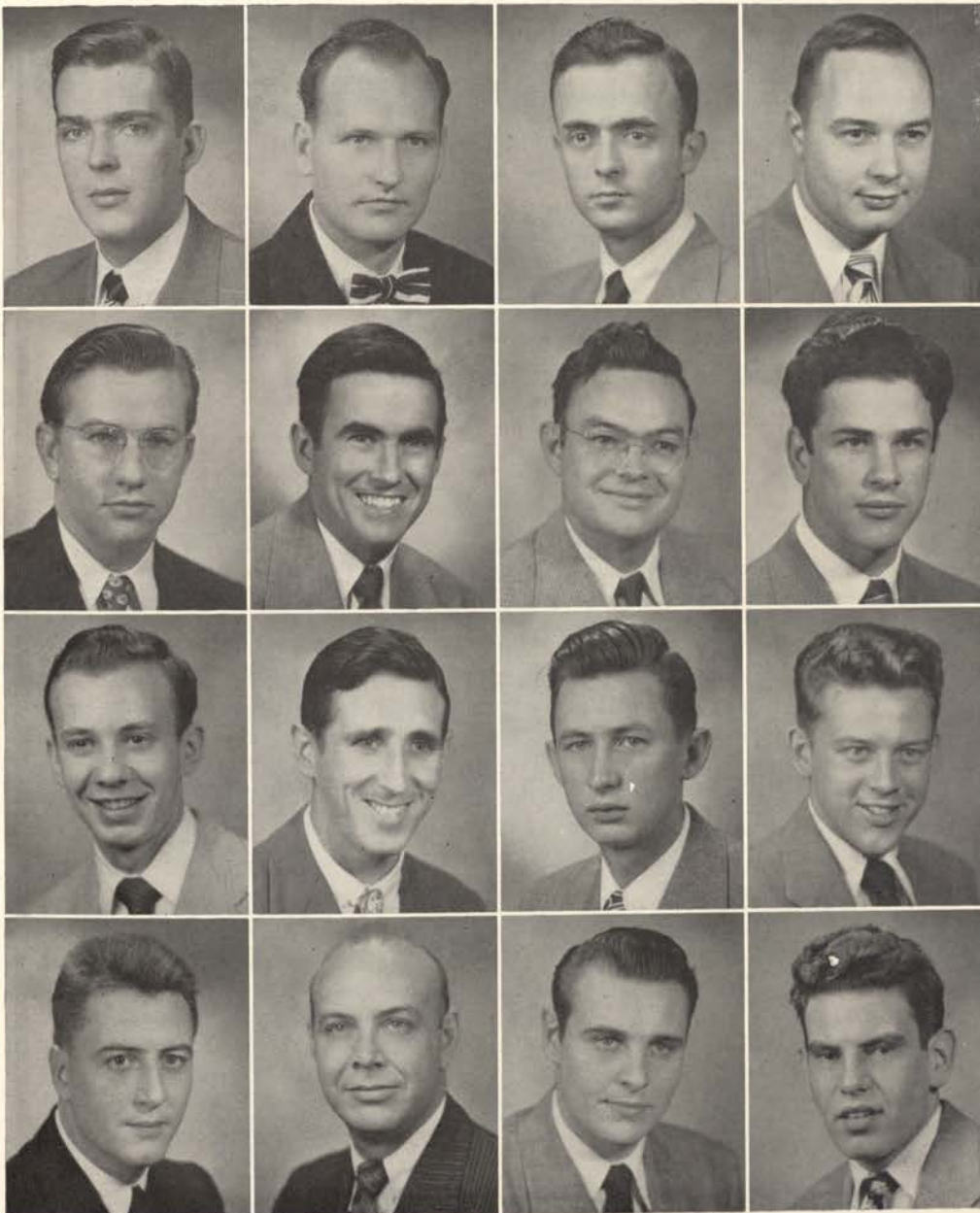
Mabie, E.
Main
Martin
McCombs

Merts, Athel L.....Rolla, Mo.
Mertzluft, George M.....St. Louis, Mo.
Meslin, Edward J.....Brooklyn, N. Y.
Mey, Kenneth W.....St. Louis, Mo.
Meyer, Robert L.....St. Louis, Mo.
Meyer, Roy G.....Mascoutah, Ill.
Meyers, Byron P.....Rolla, Mo.
Middleton, Douglas F.....Sedalia, Mo.
Midyett, Claude A.....St. Louis, Mo.
Milich, Joseph J.....New York, N. Y.
Miller, Bruce F.....Louisville, Ky.

Miller, Frank A.....Webster Groves, Mo.
Miller, James E.....Centralia, Mo.
Miller, John R.....East Haven, Conn.
Miller, Joseph E.....Springfield, Mo.
Miller, Joseph W.....Cape Girardeau, Mo.
Miller, Raymond O.....St. Louis, Mo.
Miller, Richard B.....St. Louis, Mo.
Minshall, Jimmie H.....Joplin, Mo.
Mitchell, George D.....St. Louis, Mo.
Moder, Richard J.....St. Louis, Mo.
Moeller, George L.....Webster Groves, Mo.

Monroe, William R.....Tarrytown, N. Y.
Mooney, Edward W.....St. Louis, Mo.
Moore, Donald D.....Monterey Park, Calif.
Moore, Franklin L.....Rolla, Mo.
Moreland, Omega N.....St. James, Mo.
Morris, Robert J.....St. Louis, Mo.
Moscker, Emil.....Niagara Falls, N. Y.
Moser, Clarence J.....Brunswick, Mo.
Mottin, Ralph E.....Ferguson, Mo.
Moyle, Randall E.....Lemay, Mo.
Muehring, John E.....Rolla, Mo.

Junior Class 1949



McDermott
McGee
McGrath
McNulty

McDonough
McGovern
McIntyre
McVey

McFadden
McGowan, J.
McNely
Means

McGaughey
McGowan, R.
McNichols
Megeff

Mueller, Harold E.....Rolla, Mo.
Murphy, Byron J.....St. Louis, Mo.
Murphy, Paul J.....Chillicothe, Mo.
Murphy, William L.....Rochester, N. Y.
Myslinski, Frank J.....Rolla, Mo.
Neer, Edgar V.....Hannibal, Mo.
Neidel, Roger A.....Affton, Mo.
Nelson, Donald E.....Cairo, Ill.
Nelson, James B.....Jonesburg, Mo.
Netzeband, William F.....Joplin, Mo.
Neustaedter, Robert H.....St. Louis, Mo.

Nichol, Alexander J.....Elgin, Ill.
Nickel, Wayne L.....Joplin, Mo.
Nickens, Thomas L.....Dexter, Mo.
Niederstadt, Roland J.....East St. Louis, Ill.
Nierdieck, Melvin E.....St. Louis, Mo.
Nolan, Paul B.....St. Louis, Mo.
Norris, Marion E.....Rolla, Mo.
North, Oliver S.....Mauckport, Ind.
Norton, Marion J.....Hartford, Ill.
Novotnak, Frank.....Benld, Ill.
Nunn, Donald H.....St. Louis, Mo.

Smiling Jack.



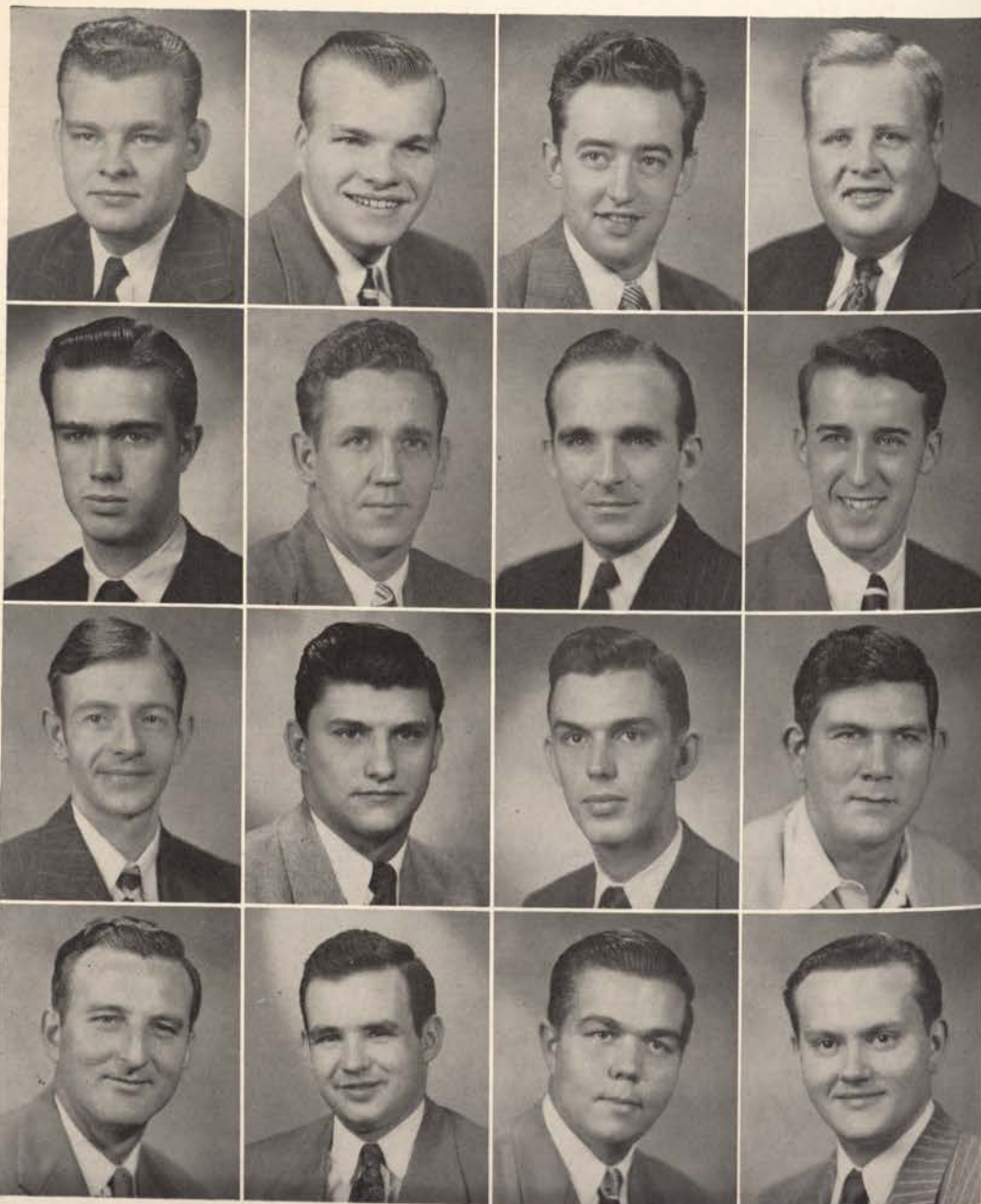


"Thay, Kiddo."

Junior Class 1949

O'Connor, James W.....Springfield, Mass.
O'Dell, Harry B.....Rolla, Mo.
Ogle, Nolan L.....Pierce City, Mo.
Oldenburg, Theodore J.....St. Louis, Mo.
Oliphant, John D.....Richmond, Mo.
Osborn, Charles F.....St. Louis, Mo.
Ouzer, Seymour.....Rochester, N. Y.
Owens, Robert L.....Alton, Ill.
Packheiser, Franklin Q.....Vichy, Mo.
Palubiak, Charles.....St. Louis, Mo.
Parker, Philip L.....St. Louis, Mo.

Parker, R. C.....East Alton, Ill.
Parks, John W.....St. Louis, Mo.
Passarolli, William F.....Albion, N. Y.
Patrick, Donald J.....Springfield, Mo.
Patten, Robert I.....Rolla, Mo.
Paulick, Edward E.....Lemay, Mo.
Paulsell, Robert E.....Rolla, Mo.
Paulsell, William G.....Olney, Ill.
Pavlakes, John M.....St. Louis, Mo.
Payne, Grover C.....Whittington, Ill.
Payne, Murel L.....Springfield, Mo.



Meier, H. W.
Merritt
Midyett
Miller, J. E.

Meier, H. E.
Meyer
Milich
Miller, J. R.

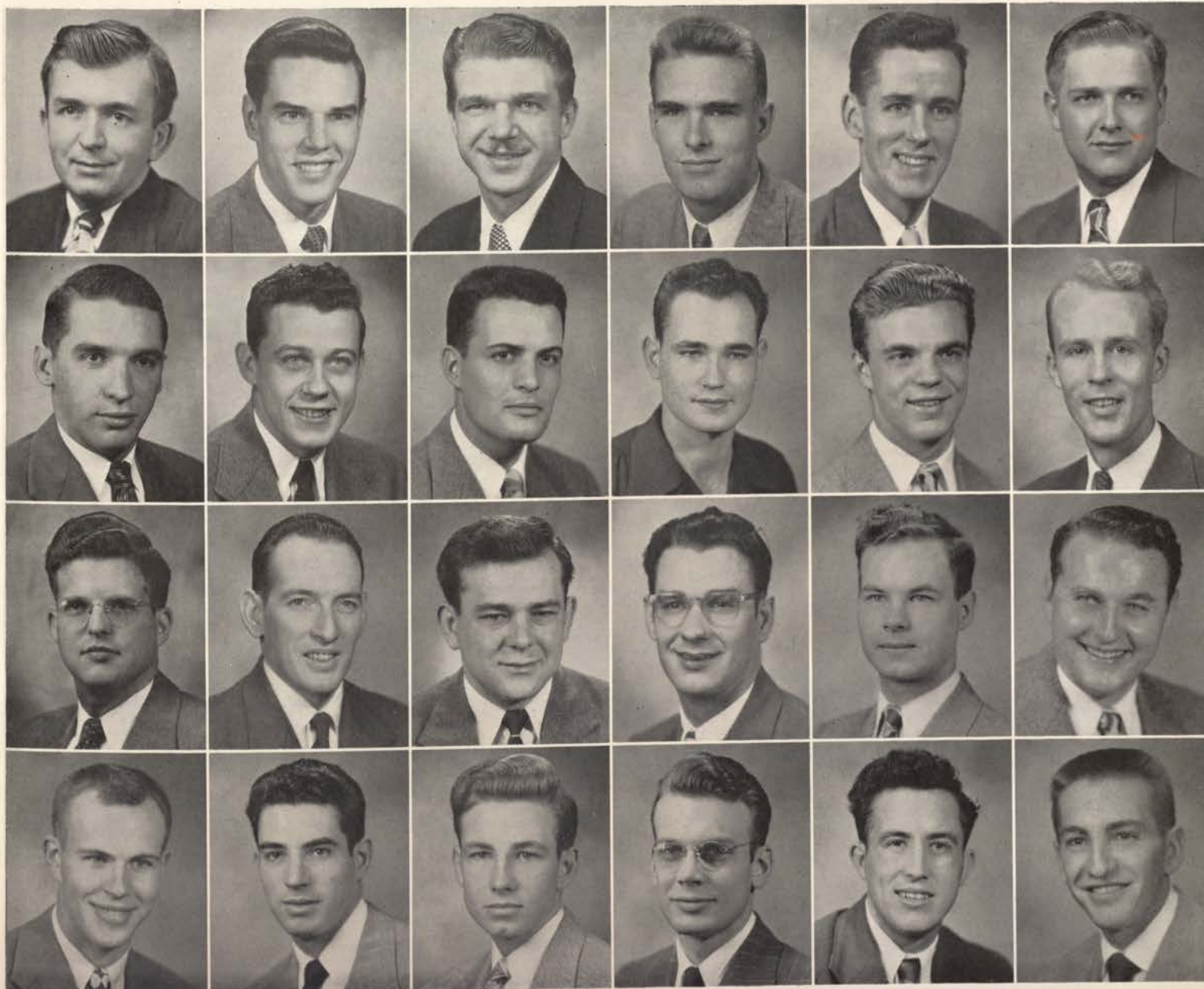
Mendell
Meyers
Miller, B.
Miller, R. B.

Mengel
Middieton
Miller, F.
Miller, R. O.

Peel, Frederick W.....Rolla, Mo.
 Peetz, Eugene J.....St. Louis, Mo.
 Pendracky, Walter J.....Edwardsville, Ill.
 Penotti, Victor G.....Paterson, N. J.
 Pentecost, John R.....Lancaster, Wisc.
 Peppers, Robert E.....Belleville, Ill.
 Perino, Pete R.....Benld, Ill.
 Perryman, Joseph E.....Assumption, Ill.
 Peterson, Donald W.....Normandy, Mo.
 Peterson, Eugene F.....Schenectady, N. Y.
 Peterson, Ralph E.....Webster Groves, Mo.

Petska, Albert M.....Marceline, Mo.
 Petty, William L.....Riverside, Ill.
 Pfitzer, John R.....Mexico, Mo.
 Phelps, Arthur L.....Rolla, Mo.
 Phillips, Harvey I.....Shrewsbury, Mo.
 Phillips, Lloyd B.....Ironton, Mo.
 Pigott, Philip G.....Jacksonville, Ill.
 Pippert, William.....St. Louis, Mo.
 Plunkett, Frank A.....Portchester, N. Y.
 Poliquin, Thomas E.....Overland, Mo.
 Pollock, William E.....St. Louis, Mo.

Porter, Robert C.....Mt. Vernon, Mo.
 Potts, James E.....Rolla, Mo.
 Powers, Lee Walter.....St. Louis, Mo.
 Preiss, Robert K.....Iowa City, Ia.
 Proffer, Howard K.....Cape Girardeau, Mo.
 Pyle, Raymond D.....DuQuoin, Ill.
 Radford, Clarence E.....Springfield, Ill.
 Ralya, Earl C.....Rolla, Mo.
 Ransom, Garland G.....Renault, Ill.
 Rausch, Maurice K.....Monett, Mo.
 Redding, James A.....Jeanette, Pa.



Minshall
 Moreland
 Murphy, P.
 Netzeband

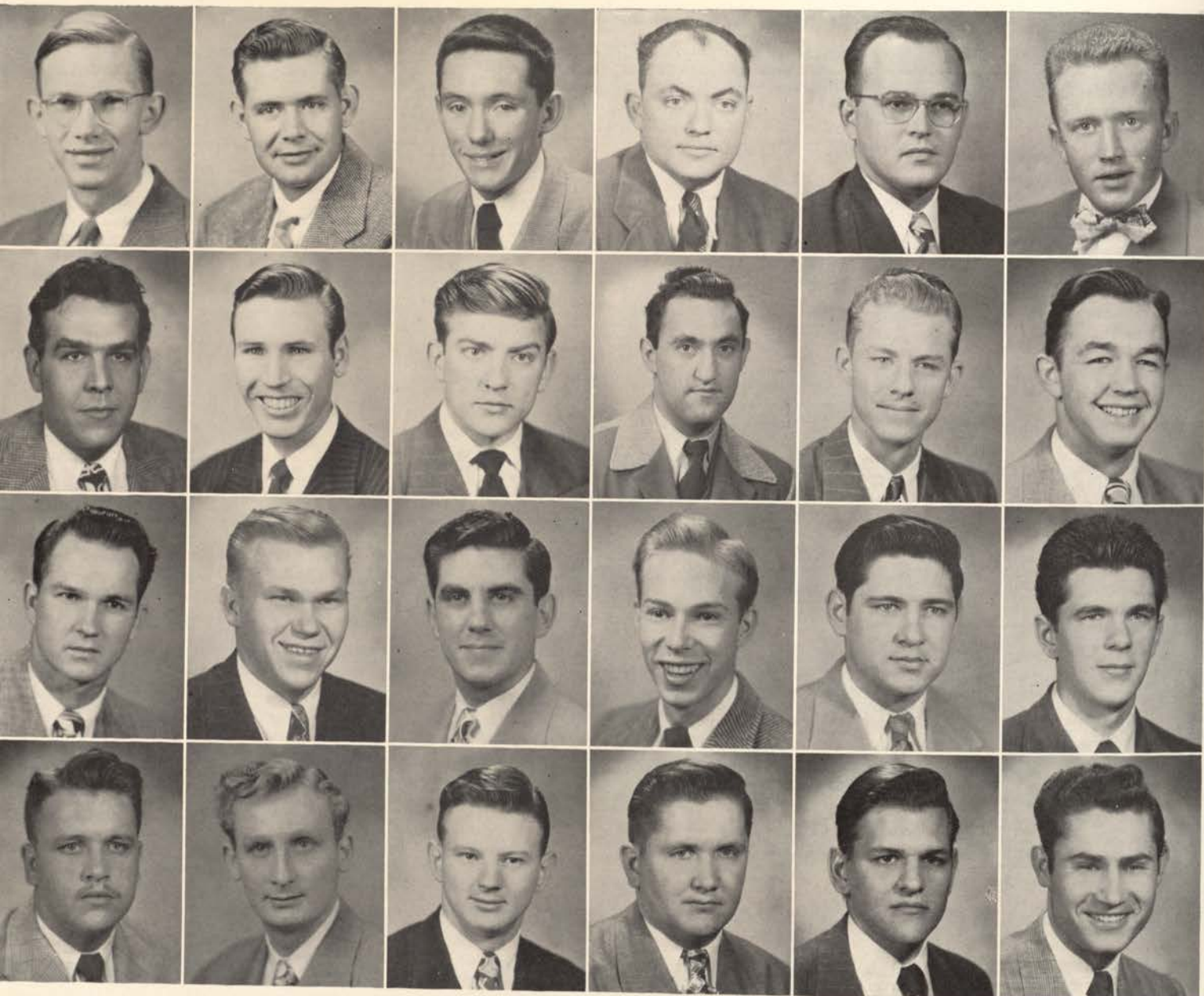
Mitchell
 Morris
 Murphy, N.
 Neustaedter

Moder
 Moscker
 Myslinski
 Nichol

Monroe
 Moser
 Neer
 Nickel

Mooney
 Mottin
 Neidel
 Nickens

Moore
 Mueller
 Nelson
 Niederstadt



Nierdieck
O'Dell
Palubiak
Paulsell, R.

Norris
Oldenburg
Parks
Paulsell, W.

Norton
Oliphant
Passarelli
Payne, G.

North
Ouzer
Patrick
Payne, M.

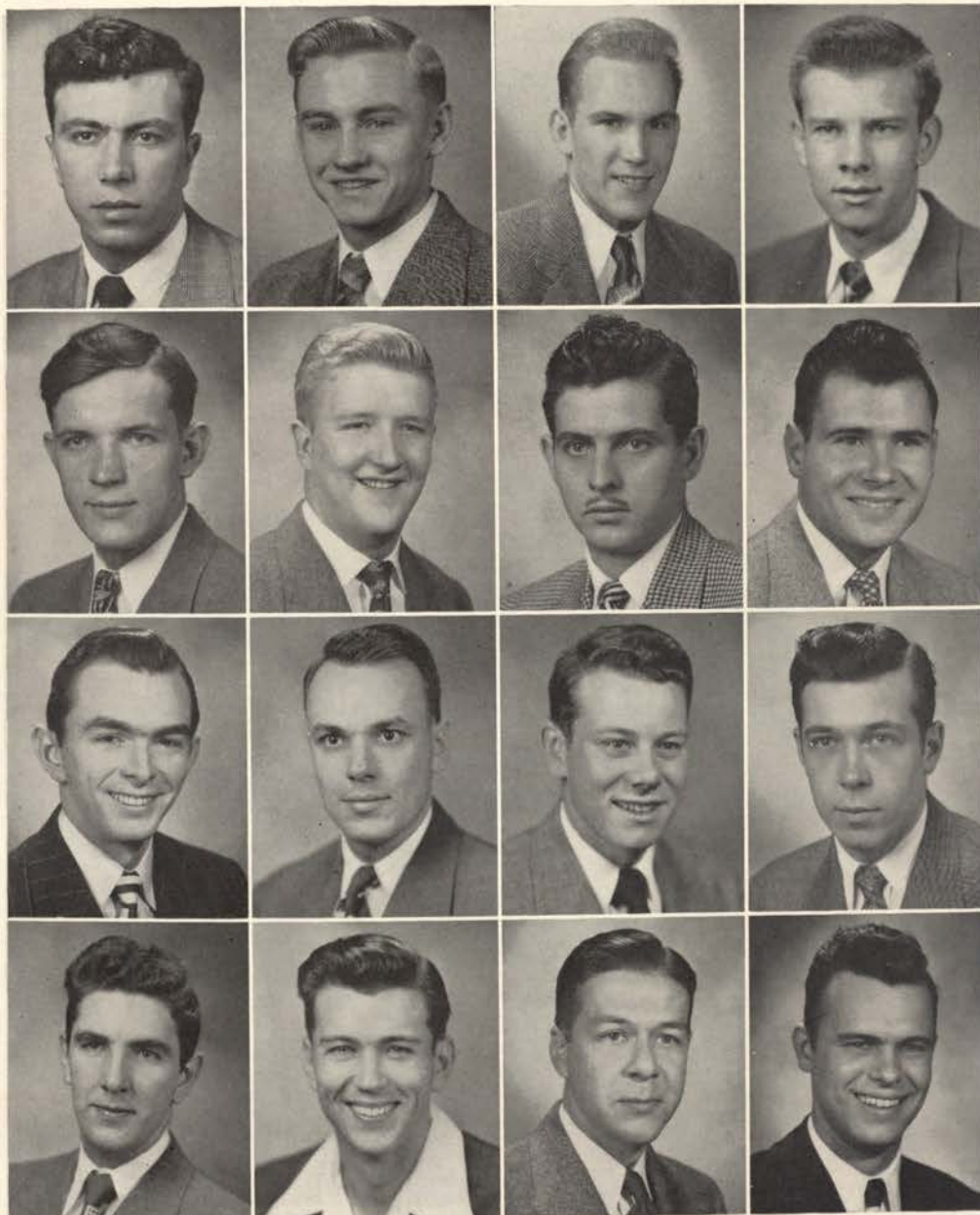
Novotnak
Owens
Patten
Peetz

O'Connor
Packheiser
Paulick
Pendricky

Rees, George A.....Downers Grove, Ill.
Reeves, Theodore J.....St. Louis, Mo.
Rekate, Gilbert J.....Overland, Mo.
Remacle, Robert.....Centralia, Ill.
Remmert, William E.....St. Louis, Mo.
Renner, Linus J.....St. Louis, Mo.
Rentko, Robert J.....Philadelphia, Pa.
Resnik, Anthony V.....Poplar Bluff, Mo.
Reynolds, Henry E.....Rolla, Mo.
Rice, Gene M.....Doniphan, Mo.

Richichi, John F.....Collinsville, Ill.
Richter, Hans E.....Mineola, N. Y.
Ricketts, William F.....Birmingham, Ala.
Rieder, Charles M.....Chicago, Ill.
Riepl, Marvin S.....St. Joseph, Mo.
Ries, Francis W.....Effingham, Ill.
Rigg, Joseph E.....Springfield, Mo.
Riggs, Robert C.....Springfield, Mo.
Ring, Jack A.....Alton, Ill.
Riviello, Sal.....Brooklyn, N. Y.

Roach, Kenneth C.....Rolla, Mo.
Robbins, George F.....Brentwood, Mo.
Rober, Donald L.....Webster Groves, Mo.
Roberts, William H.....Paragould, Ark.
Robinson, Gene F.....Rolla, Mo.
Roermernan, Richard J.....St. Louis, Mo.
Roefeldt, Harold R.....St. Louis, Mo.
Rohlfing, Gerald H.....St. Louis, Mo.
Roller, Joe C.....Pulaski, Tenn.
Roller, Raymond F.....Coshocton, O.



Junior Class 1949

Penotti
Perryman
Phillips
Pollock

Pentecout
Peterson
Picketts
Porter

Peppers
Petty
Plunkett
Potts

Perino
Pfitzer
Poliquin
Preiss

Roloff, Emil A.....Iselin, N. J.
Romano, Frank J.....Paterson, N. J.
Romine, Charles F.....Granite City, Ill.
Ross, James D.....Rochester, Ill.
Roth, Donald K.....Albany, N. Y.
Rousseau, James C.....Birmingham, Ala.
Rowe, Robert D.....Savannah, Mo.
Rowton, Richard L.....Springfield, Mo.
Ruckel, Ralph E.....Chicago, Ill.
Rucker, Charles O.....Sedalia, Mo.

Rudoff, Paul.....St. Louis, Mo.
Ruenheck, Raymond T.....St. Louis, Mo.
Ruprecht, William J.....Rolla, Mo.
Rutz, Warren W.....Cuba, Mo.
Sabo, Eugene L.....Rolla, Mo.
Sabo, Virginia F.....Rolla, Mo.
Sakonyi, John J.....Orient, Ill.
Salomo, Walter E.....St. Louis, Mo.
Salvaggi, John R.....Lockport, N. Y.

Whew, one more to go!

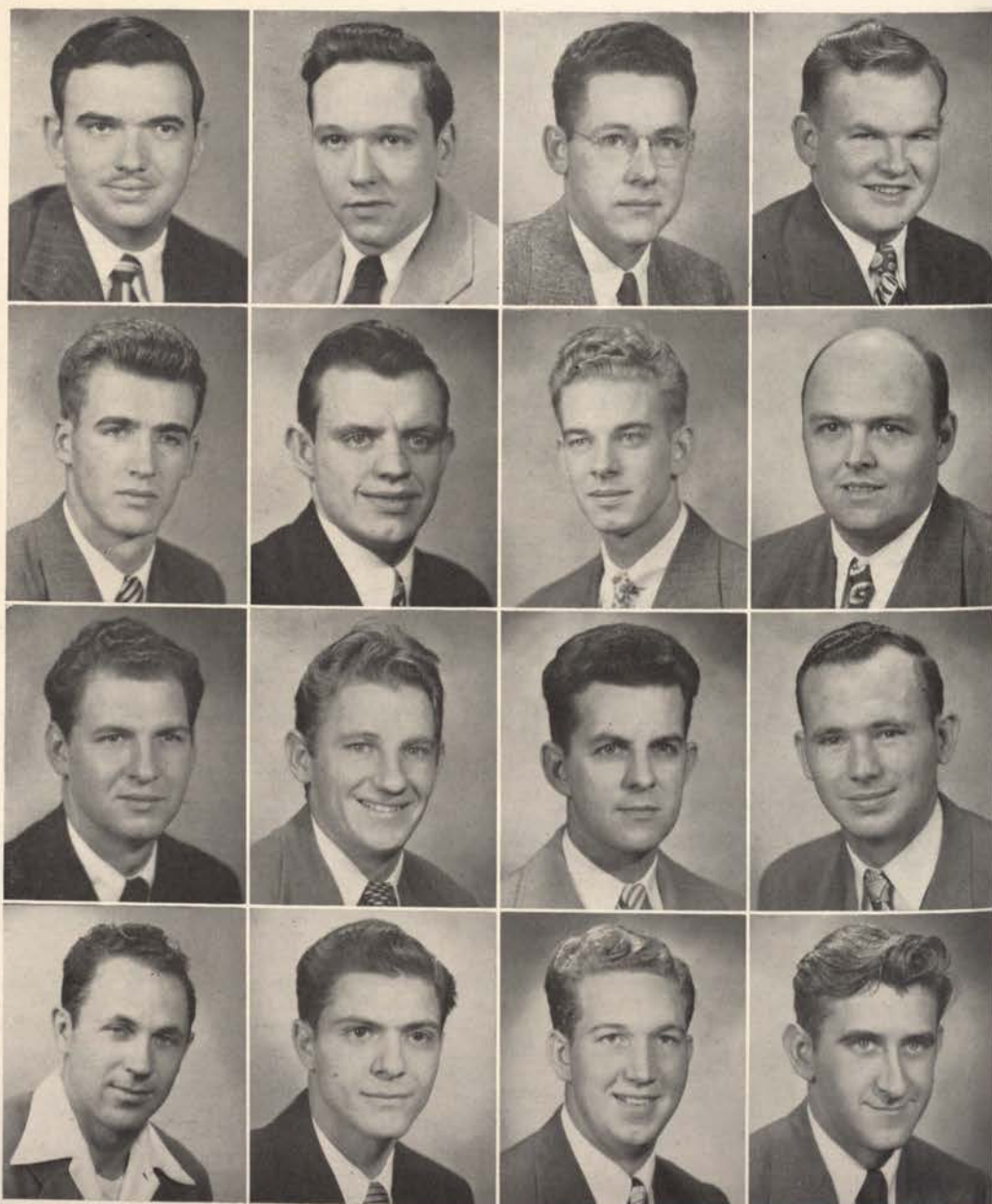




You tell 'em, Prof.

Junior Class 1949

Samuel, Don W.....Cape Girardeau, Mo.	Schmidt, Russell L.....St. Louis, Mo.
Sanders, Cloice R.....St. Louis, Mo.	Schmidt, Vernon E.....St. Louis, Mo.
Sanderson, Earl D.....Oak Park, Ill.	Schmitz, Richard P.....Thayer, Mo.
Satterlee, John D.....Springfield, Mo.	Schnaedelbach, Gerald Webster Groves, Mo.
Sayre, Lawrence E.....Rolla, Mo.	Schneider, Norman F...Cape Girardeau, Mo.
Scales, Stanley R.....Middletown, N. Y.	Schneider, Robert W.....Robinson, Ill.
Schaefer, Marianne.....Afton, Mo.	Schneider, Eugene T.....Carlyle, Ill.
Schmedt, Herbert L.....Palmyra, Mo.	Schoenky, Henry P.....Kirkwood, Mo.
Schmidt, Robert N.....Orland, Calif.	Schrader, Elmer D.....Lemay, Mo.



Pyle
Rausch
Remmert
Reynolds

Radford
Rees
Renner
Richichi

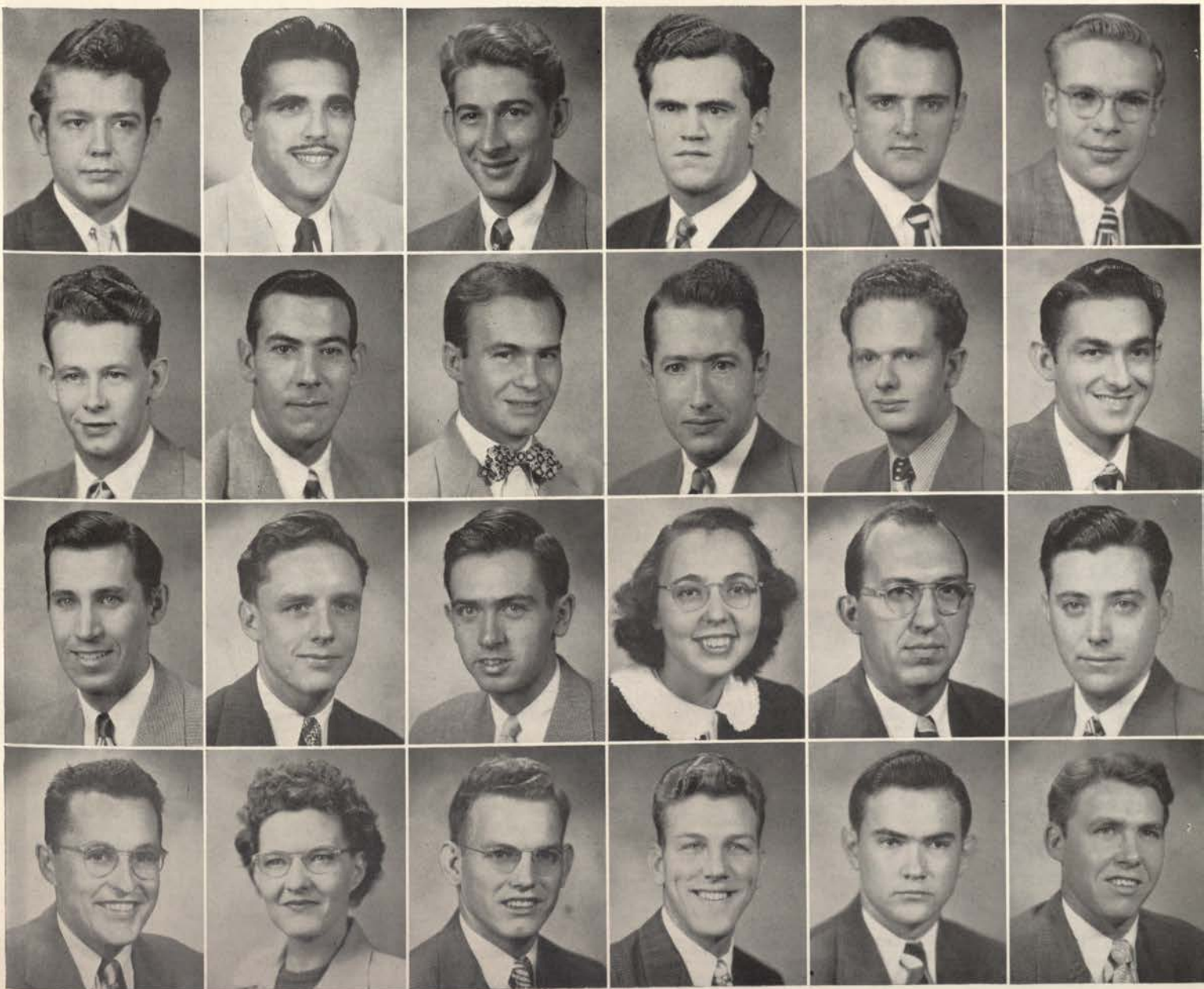
Ralya
Rekate
Rentko
Ries

Ransom
Remacle
Resnik
Rigg

Schuenemeyer, Irwin L.....Union, Mo.
 Schuermann, William O.....Rolla, Mo.
 Schwab, Richard E.....Overland, Mo.
 Scofield, Nancy.....Rolla, Mo.
 Scown, Roy J.....St. Louis, Mo.
 Sculley, Joseph R.....East St. Louis, Ill.
 Seay, Edward A.....Independence, Mo.
 See, Bryan G.....Rolla, Mo.
 Seitz, Warren G.....St. Louis, Mo.

Selby, John E.....Bethany, Mo.
 Serafini, Edwin M.....Jasper, Mo.
 Sereno, Leroy F.....Montreal, Wisc.
 Settgas, Robert C.....Woodhaven, N. Y.
 Shaffer, Robert B.....St. James, Mo.
 Shanafelt, Merrin E.....Belleville, Ill.
 Shearon, James T.....Guthrie, Ky.
 Sheeley, Henry A.....Warrenton, Mo.
 Shelton, Gerald C.....Bolivar, Mo.

Shepard, William M.
 Upper Montclair, N. J.
 Shopher, Sterling D.....East St. Louis, Ill.
 Shourd, Roy R.....Rolla, Mo.
 Shukers, Charles F.....Rolla, Mo.
 Shulaw, Walter A.....Lawrenceville, Ill.
 Sieckman, Eugene H.....St. Louis, Mo.
 Silver, Milton M.....St. Louis, Mo.
 Silver Sidney.....Portland, Me.
 Simmons, Wilbur L.....Quincy, Ill.



Ring
 Rohlfing
 Rudoff
 Sabo, E.

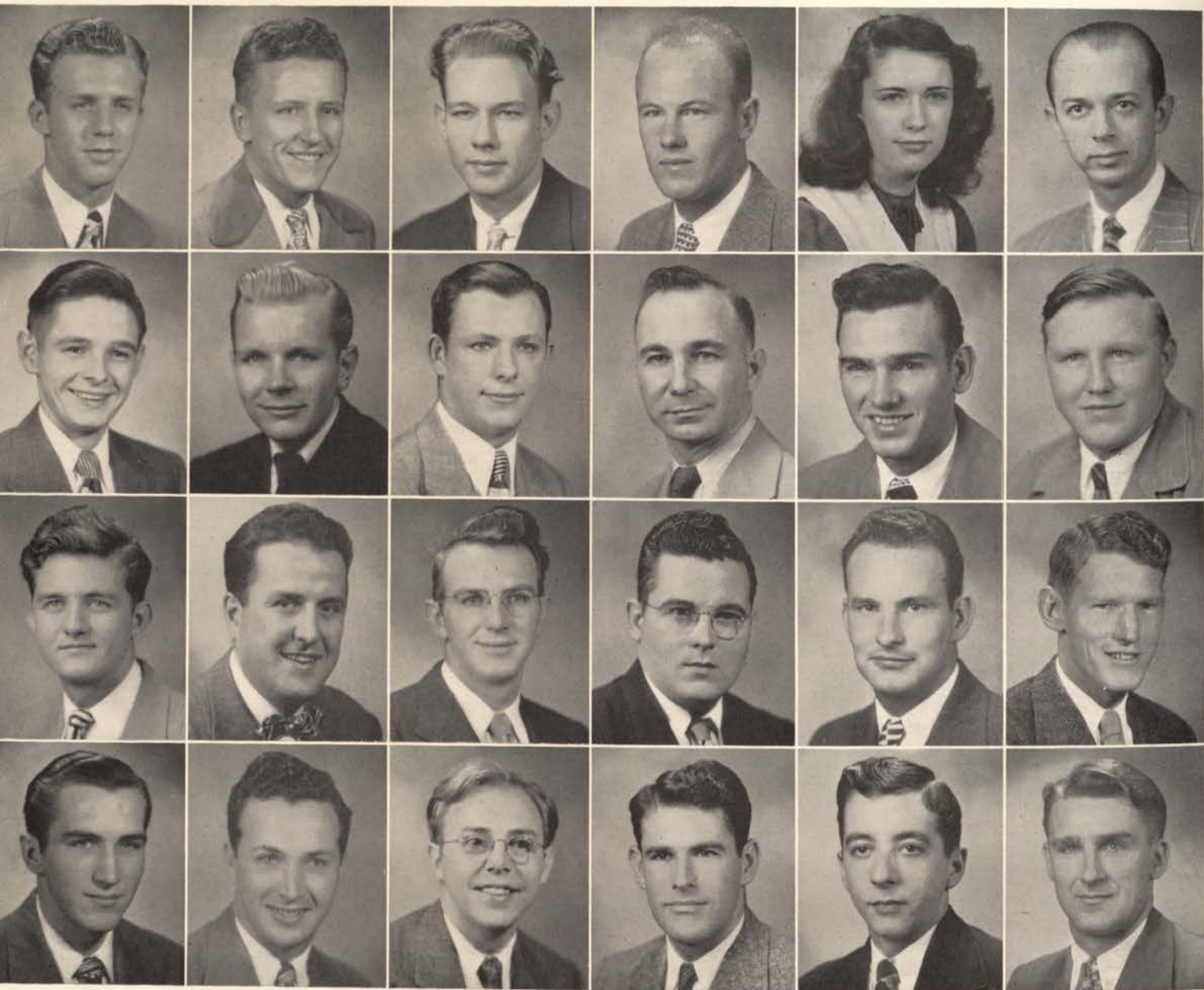
Riviello
 Roloff
 Ruenheck
 Sabo, V.

Rober
 Romine
 Rushton
 Sakonyi

Robinson
 Roth
 Rusk
 Salomo

Roerman
 Rowe
 Rust
 Samuel

Roenfeldt
 Rucker
 Rutz
 Sanders



Sanderson
Schmitz
Schrader
Seitz

Satterlee
Schnaedelbach
Schuermann
Serafini

Sayre
Schneider, D.
Schwab
Settgas

Scales
Schneider, N.
Sculley
Shaffer

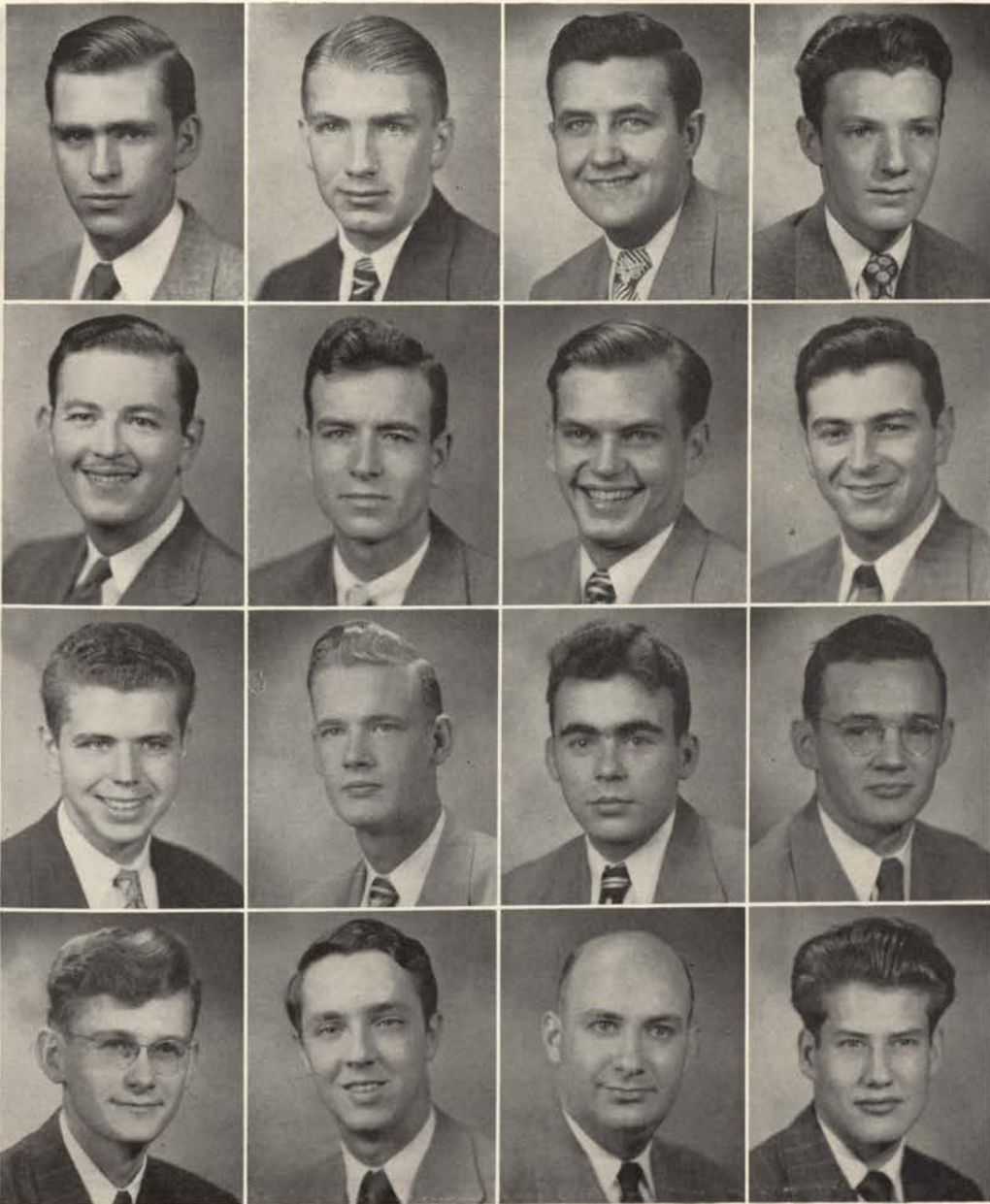
Schaefer
Schneider, R.
Seay
Shearon

Schmidt
Schnieder
See
Sheeley

Simpson, Richard N.....Rolla, Mo.
Sims, Dale E.....Zeigler, Ill.
Sinz, Edward M.....St. Louis, Mo.
Skalka, Edward.....Brooklyn, N. Y.
Skinner, Milton R.....Springfield, Ill.
Slack, Clayton F.....Platteville, Wisc.
Slankard, Robert C.....Flint, Mich.
Sliger, Arlen G.....McDonald, Tenn.
Slover, Edwin E.....Hurley, N. M.

Smart, Richard J.....Webster Groves, Mo.
Smith, Donald W.....Rolla, Mo.
Smith, Edward L.....Cantwell, Mo.
Smith, George R.....St. Louis, Mo.
Smith, Hal J.....Rolla, Mo.
Smith, Leslie E.....Lemay, Mo.
Smith, Marvin E.....St. Louis, Mo.
Smith, Russell A.....Southwick, Mass.
Snider, Everal L.....Rolla, Mo.

Snyder, Luther P.....Rolla, Mo.
Sontag, Jack A.....St. Louis, Mo.
Soxman, Edwin J.....Kansas City, Mo.
Spackler, Don E.....St. Louis, Mo.
Spanier, Lawrence A.....Brooklyn, N. Y.
Spencer, William A.....St. Louis, Mo.
Spiller, William C.....Marion, Ill.
Spilman, James A.....Rolla, Mo.
Spindle, Harvey E.....Cabool, Mo.



Junior Class 1949

Shelton
Silver, S.
Skinner
Slover

Shepard
Sims
Slack
Smart

Shourd
Sinz
Slankard
Smith, G.

Silver, M.
Skalka
Sliger
Smith, L.

Spiniello, Virgil R.....Orange, N. J.
Sponske, John J.....Rolla, Mo.
Springer, Everett W.....Woodriver, Ill.
Stallman, Ralph A.....Rolla, Mo.
Stanhope, Richard D.....St. Louis, Mo.
Starke, Robert E.....Springfield, Ill.
Statler, Clifford A.....St. Louis, Mo.
Statler, Fred J.....Rolla, Mo.
Steele, Eugene W.....Rolla, Mo.

Steele, George R.....Rolla, Mo.
Steele, Robert R.....West Plains, Mo.
Stegemeier, Richard J.....Woodriver, Ill.
Stein, William E.....Affton, Mo.
Steiner, Robert H.....St. Louis, Mo.
Steinmetz, Charles E.....St. Louis, Mo.
Stephens, John F.....Richmond Hgts., Mo.
Stephenson, William B.....St. Louis, Mo.
Steuterman, Jack A.....Richmond Hgts., Mo.

Tickling the ivory.





Hold that Tiger!

Junior Class 1949

Stevens, Billy.....	Sullivan, Mo.	Strauss, Ervin J.....	St. Louis, Mo.
Stevens, Dale F.....	Rolla, Mo.	Strong, John F.....	Springfield, Mo.
Stevens, Joseph W.....	St. Louis, Mo.	Suffredini, Romeo L.....	Waterbury, Conn.
Stewart, Robert M.....	Waynesville, Mo.	Swartz, Shirley W.....	Independence, Mo.
Stieglitz, Val H.....	The Plains, Va.	Swoboda, Richard G.....	Washington, Mo.
Stifel, Eugene F.....	Alton, Ill.	Sydner, John J.....	St. Louis, Mo.
Strain, Robert A.....	Rolla, Mo.	Tabachnick, Daniel.....	University City, Mo.
Strassner, Stewart H.....	Maplewood, Mo.	Tate, David E.....	Beersheba Spgs., Tenn.
Straughan, Donald E.....	Farmington, Mo.	Tatosian, Vanagan.....	Granite City, Ill.



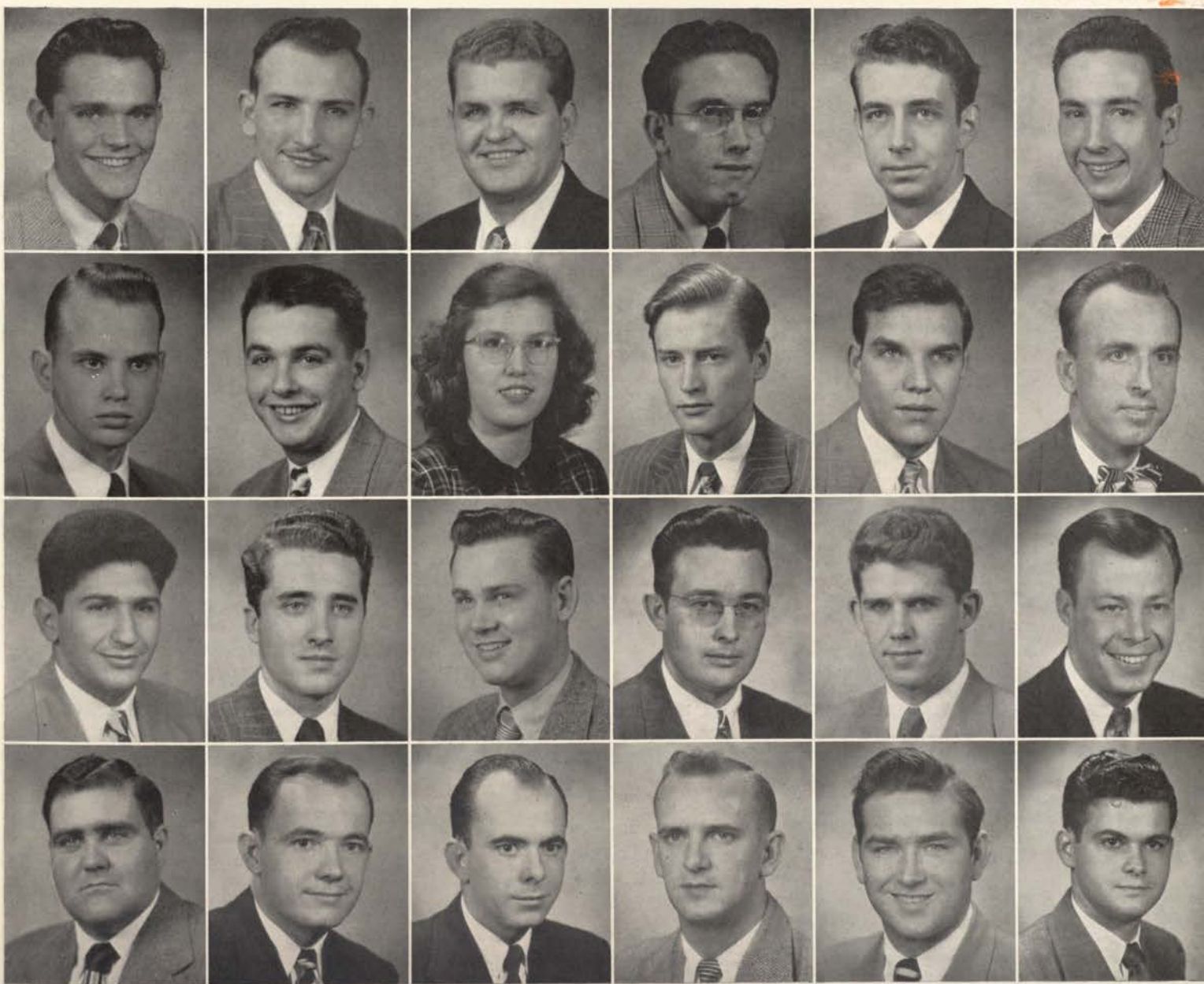
Smith, M.
Spanier
Statler
Steiner

Smith, R.
Spiller
Steele
Stephenson

Sontag
Stanhope
Stegemeier
Steuterman

Spackler
Starke
Stein
Stevens

Taylor, Andrew M.....Ferguson, Mo.	Terry, Randolph M.....Overland, Mo.	Timbrook, Paul W.....St. Louis, Mo.
Taylor, Donald J.....Kirkwood, Mo.	Teter, Floyd M.....Gillespie, Ill.	Timlin, James B.....St. Louis, Mo.
Taylor, Jack C.....Mounds, Ill.	Tharp, David H.....Illmo, Mo.	Timmer, Don.....St. Albans, N. Y.
Teagarden, Dwight M.....Iantha, Mo.	Theerman, Harold B.....Warrenton, Mo.	Timmerman, Edwin O.....Ferguson, Mo.
Teel, William L.....Rolla, Mo.	Theerman, Wilbert K.....Warrenton, Mo.	Tolgay, Mitat Y.....Kayseri, Turkey
Telthorst, Don H.....St. Louis, Mo.	Thomas, Robert L.....Independence, Kans.	Tone, Donald R.....Easton, Pa.
Temple, Don L.....Alton, Ill.	Thompson, Owen E.....Amity, Mo.	Torres-Calderon, Hector.....Lima, Peru
Tennikoit, Henry G.....Woodriver, Ill.	Thrall, Everett W.....Lawrenceville, Ill.	Toth, Vincent V.....Bonne Terre, Mo.
Tennill, Jack R.....Roodhouse, Ill.	Tibbs, Harold E.....Rolla, Mo.	Tubielewicz, Thaddeus V...New York, N. Y.



Stieglitz
Strong
Tatosian
Tennill

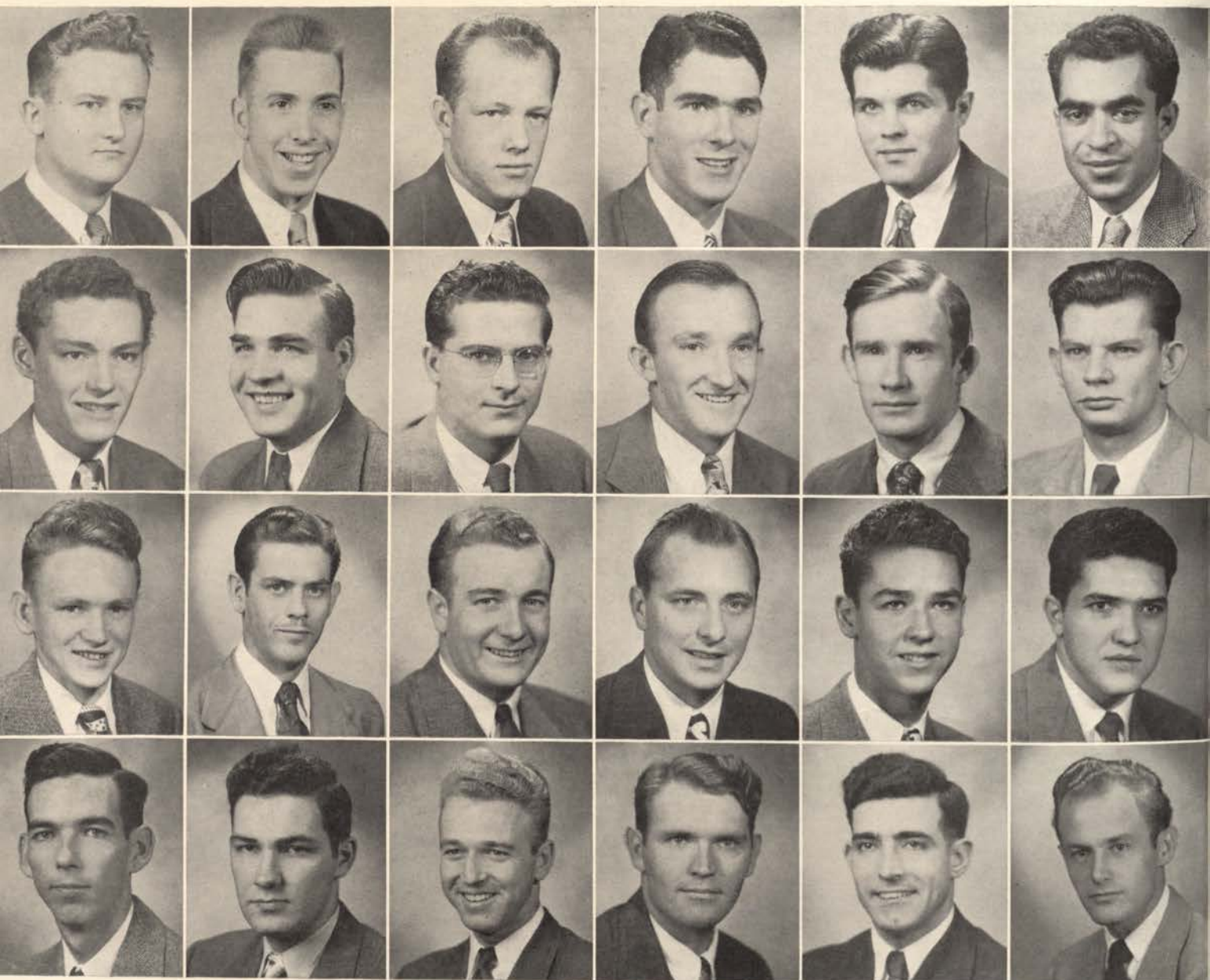
Stifel
Suffredini
Taylor, A.
Terry

Strain
Swartz
Taylor, D.
Teter

Strassner
Swoboda
Taylor, J.
Theerman, H.

Straughan
Sydner
Temple
Theerman, W.

Strauss
Tate
Tennikoit
Thomas



Thompson	Thrall	Tibbs	Timlin	Timmer	Tolgay
Tone	Toth	Tuegel	Tunncliff	Turk	Turman
Uhles	Ummel	Unsell	Uthoff	Utnage	Vaccaro
Vance	Vandeven	Vaniman	VanStavern	Vaporean	Vark

Tuegel, Arthur E.....St. Louis, Mo.	Uthoff, Robert F.....Joliet, Ill.	Varner, William R.....Litchfield, Ill.
Tunncliff, Clarence J.....St. Louis, Mo.	Utnage, William L.....St. Louis, Mo.	Venarde, Jack H.....St. Louis, Mo.
Turk, James.....Festus, Mo.	Vaccaro, Charles S.....Crystal City, Mo.	Verive, Dominic A.....Melrose Park, Ill.
Turman, Robert E.....St. Louis, Mo.	Vance, John M.....Edgar Springs, Mo.	Vickers, Rollin C.....Perry, N. Y.
Turner, Charles V.....St. Louis, Mo.	Vandeven, Donald W. Cape Girardeau, Mo.	Vogler, August J.....St. Louis, Mo.
Uhles, Ernest N.....O'Fallon, Ill.	Vaniman, Norman A.....Girard, Ill.	Voiles, Cletus F.....Carrollton, Ill.
Ummel, Otis R.....Lamar, Mo.	Van Stavern, Estel C.....Rolla, Mo.	Vores, Alfred D.....Brewster, N. Y.
Underwood, Clifford B.....Fredericktown, Mo.	Vaporean, Paul O.....Rolla, Mo.	Wachepheim, Arnold L.....Quincy, Ill.
Unsell, Vester B.....Frankford, Mo.	Vark, William.....Hannibal, Mo.	Wagner, Bernard C.....University City, Mo.



Junior Class 1949

Venarde
Volles
Wallace
Wassilak, E.

Verive
Wagner
Wania
Wassilak, R.

Vickers
Walker, D.
Warfield
Watson

Vogler
Walker, W.
Warren
Watts

Walker, Dale E.....Steeleville, Ill.
Walker, John A.....Kansas City, Mo.
Walker, Rudolph C.....St. James, Mo.
Walker, Walter W.....Cuba, Mo.
Wall, Nicholas T.....Cadet, Mo.
Wallace, Edwin R.....Republic, Mo.
Walpert, Kenneth D.....Monett, Mo.
Wania, Edward L.....St. Louis, Mo.
Warfield, Raymond A.....Falls City, Nebr.

Wargo, Lewis L.....Devon, Conn.
Warren, Eugene W.....Mill Spring, Mo.
Warsing, Robert G.....Rolla, Mo.
Wassilak Erwin J.....St. Louis, Mo.
Wassilak, Raymond F.....St. Louis, Mo.
Watson, Eugene P.....St. Louis, Mo.
Watson, Harry G.....Rolla, Mo.
Watts, Kenneth E.....Mattoon, Ill.
Watz, Francis J.....Rolla, Mo.



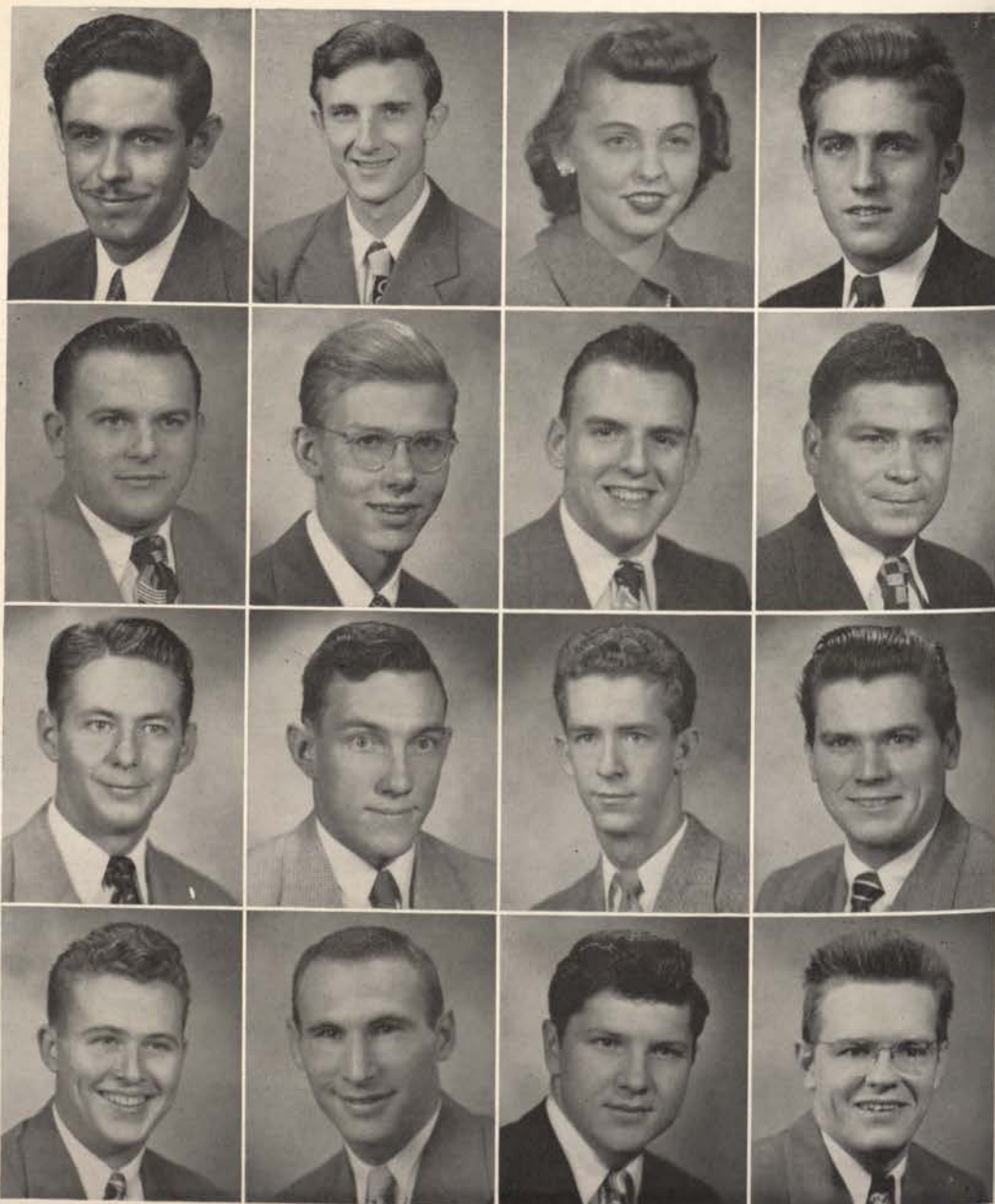
Out of film.



Over and out.

Junior Class 1949

Weaver, Julian.....	Brooklyn, N. Y.	Weinland, Harold A.....	East St. Louis, Ill.
Webber, Frank L.....	St. Louis, Mo.	Weinstein, William.....	Brooklyn, N. Y.
Webster, Kathleen L.....	Rolla, Mo.	Weinstein, Harold F.....	St. Louis, Mo.
Webster, Royal S.....	Havana, Cuba	Welliver, Thomas H.....	Spring Fork, Mo.
Wees, Francis E.....	Omaha, Nebr.	Welsh, Ruel H.....	West Plains, Mo.
Wehling, Howard C.....	St. Louis, Mo.	Welton, Tom.....	Sterling, Ill.
Wehrenberg, John P.....	Springfield, Ill.	Wenzell, Robert P.....	Jennings, Mo.
Weinel, Robert P.....	East St. Louis, Ill.	Westermeier, Theodore F.....	St. Charles, Mo.
Weingaertner, John W.....	St. Louis, Mo.	Westlake, Leroy E.....	St. Louis, Mo.



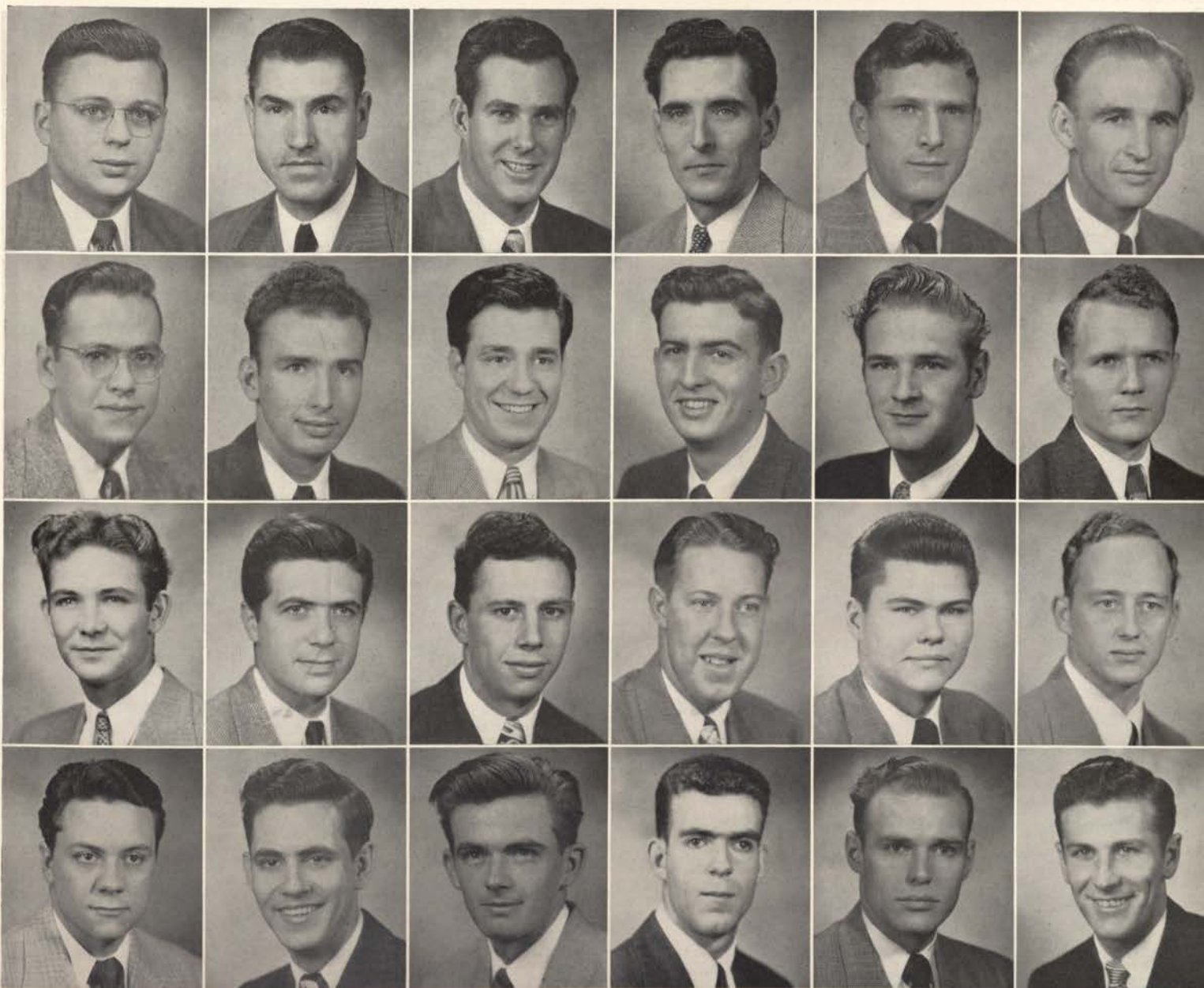
Watz
Wees
Weinstein
Whitmer

Weber
Wehrenberg
Welliver
Whitney

Webster, K.
Weingaertner
Welsh
Whitson

Webster, R.
Weinland
White
Wickey

White, Thomas W.....Brentwood, Mo.	Wilkinson, Ernest C.....Rolla, Mo.	Wilson, Paul B.....Webster Groves, Mo.
Whitmer, Robert D.....Madisonville, Ky.	Williams, Alden D.....St. Louis, Mo.	Wilson, Robert E.....St. Louis, Mo.
Whitney, Richard D.....Roodhouse, Ill.	Williams, John C.....Rolla, Mo.	Winchester, Robert L.....Clay City, Ill.
Whitson, Harold E.....St. Louis, Mo.	Williams, Johnnie E.....Rolla, Mo.	Winkler, James D.....Flora, Ill.
Wickey, John F.....St. Louis, Mo.	Williams, Norman.....St. Louis, Mo.	Winter, Eugene F.....Fredericktown, Mo.
Wieland, Warren R.....Lancaster, Wisc.	Williams, Richard C.....Rolla, Mo.	Winters, Billy K.....Rolla, Mo.
Wile, Larson E.....Mont Alto, Pa.	Williams, Roy V.....Versailles, Mo.	Winters, William J.....Rolla, Mo.
Wiley, Raymond C.....Silver Springs, Md.	Wilson, Anthony E.....Webster Groves, Mo.	Wipke, Walter J.....Kirkwood, Mo.
Wilkins, William W.....Rolla, Mo.	Wilson, Glenn E.....Jackson, Mo.	Wisch, William L.....Jefferson City, Mo.



Weiland
Williams, N.
Winters
Wolfram

Wile
Williams, R.
Wipke
Wolk

Wiley
Wilson, A.
Wisch
Wood, D.

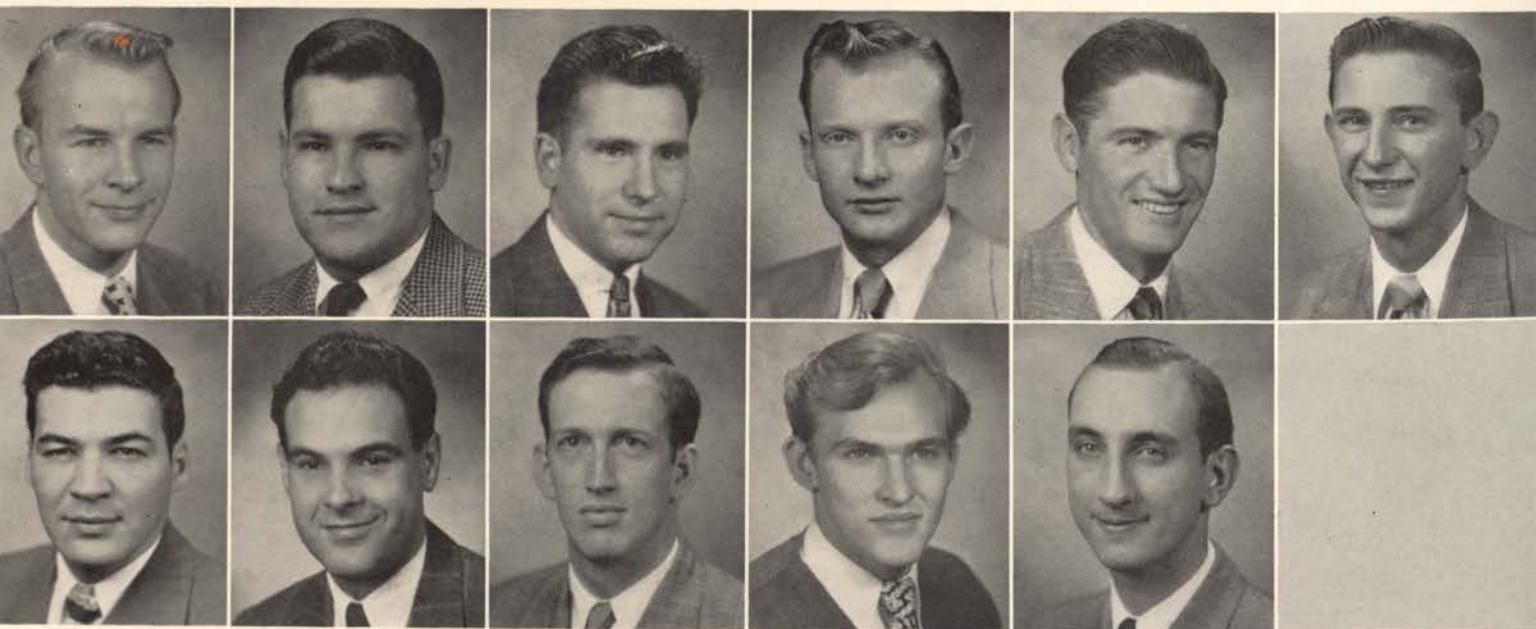
Wilkins
Wilson, G.
Witman
Wood, R.

Williams, A.
Wilson, R.
Witzl
Wortman

Williams, J.
Winchester
Wolchek
Wright

Junior Class, 1949

Wissmann, Walter W.....St. James, Mo.	Wood, John H.....St. James, Mo.	Yeager, James C.....Olney, Ill.
Wittman, Robert E.....Sedalia, Mo.	Wood, Robert C.....Leasburg, Mo.	Yeahey, Richard A.....Alton, Ill.
Witzi, Donald J.....St. Louis, Mo.	Worrall, John W.....Rolla, Mo.	Yeckl, Frank M.....St. Louis, Mo.
Wolchek, William E.....Walnut Grove, Mo.	Worseck, Robert L.....St. Louis, Mo.	Yildiz, Musa.....Istanbul, Turkey
Wolff, Oliver U.....Washington, Mo.	Wortman, Jean C.....St. Louis, Mo.	Yochum, Kenneth H.....St. Louis, Mo.
Wolfram, Ralph E.....St. Louis, Mo.	Wright, Harold R.....Jacksonville, Mo.	Zane, Robert I.....Kansas City, Kans.
Wolk, Norman B.....St. Louis, Mo.	Wunnenberg, Donald A.....Overland, Mo.	Zeitz, Edward J.....Rolla, Mo.
Wong, Hong.....Rolla, Mo.	Wyatt, Franklin W.....St. Joseph, Mo.	Zeller, Kenneth C.....St. Louis, Mo.
Wood, Dustin J.....St. Louis, Mo.	Yanevich, Krum.....St. Louis, Mo.	Zerweck, Carl E.....Lemay, Mo.



Wunnenberg
Yochum

Wyatt
Zane

Yanevich
Zeitz

Yeager
Zeller

Yeahey
Zerweck

Yeckl

JUNIORS ENTERING IN FEBRUARY

Becker, B.....Fennimore, Wisc.	Kappus, W.....Williston, N. Y.
Bodicky, A.....St. Louis, Mo.	Knoebel, R.....West Orange, N. J.
Boedy, R.....Maritowoc, Wisc.	Mann, J.....St. Joseph, Mo.
Brasel, L.....Beardstown, Ill.	Masbruch, A.....Platterville, Wisc.
Budzisz, J.....Milwaukee, Wisc.	Mellott, R.....St. Louis, Mo.
Dommersnacs, O.....Gays Mills, Wisc.	Mitchum, M.....Rolla, Mo.
Flemming, R.....Springfield, Ill.	Nash, A.....Kannapolls, N. C.
Gross, A.....St. Louis, Mo.	Ponder, R.....El Dorado, Ark.
Hall, E.....Springfield, Mo.	Summers, M.....Cape Girardeau, Mo.
Wojan, E.....Antigo, Wisc.	

Special and Unclassified Students

SPECIAL STUDENTS

Aegerter, Paul A.....St. Louis, Mo.
 Bell, Theodore R.....Rolla, Mo.
 Burtnett, Robert L.....Rolla, Mo.
 Carlton, Elaine D.....Rolla, Mo.
 Cizek, Marjorie R.....Rolla, Mo.
 Dickinson, Virginia H.....Newburg, Mo.
 Ferguson, Wallace.....Clairton, Pa.
 Fulford, William W.....Daytona Beach, Fla.
 Hardebeck, Edward J.....Rolla, Mo.
 Hoover, William C.....Rolla, Mo.
 Kearney, Charles W.....Creeson, Pa.
 Kirkhorst, Donald L.....St. Louis, Mo.
 Knudsen, Trine.....Borgestad, Norway
 Lansford, Oris G.....Rolla, Mo.
 Preston, Norman C.....Rolla, Mo.
 Reese, Joyce L.....Rolla, Mo.
 Roy, Peejush K.....Calcutta, India
 Watz, Violet B.....Rolla, Mo.
 Webster, James B.....New York City, N. Y.
 Woolrych, Edmund H.....Rolla, Mo.
 Zeuch, Veabel W.....Rolla, Mo.

STUDENTS UNCLASSIFIED ENTERING IN FEBRUARY

Allen, A.....Rolla, Mo.
 Campbell, E.....Rolla, Mo.
 Greiten, J.....Rolla, Mo.
 Knopf, E.....St. Louis, Mo.
 Machemer, K.....Cliffside Park, N. J.
 Roelman, W.....St. Louis, Mo.
 Stephenson, B.....Dixon, Mo.
 Stewart, R.....Logansport, Ind.



Aegerter
Cizek
Fulford

Johnson
Lansford
Trefethen



Sophomore



SOPHOMORE CLASS OFFICERS

President.....William Plummer
Vice-President.....Ray Romo
Secretary.....Joe Bushko
Treasurer.....Jim Rustenback

Ackfeld, Virgil F.....Freeburg, Mo.
Adair, Thomas H.....Webster Groves, Mo.
Agron, Albert M.....Kansas City, Mo.
Akers, Isaac L.....Webster Groves, Mo.
Akins, Herb G.....Desoto, Mo.
Allen, Thomas W.....Rolla, Mo.
Alvarado, Frank T.....New York, N. Y.
Anderhub, Anthony P.....St. Louis, Mo.
Anderson, David K.....Downey, Calif.
Anderson, Gordon J.....St. Louis, Mo.
Annis, Otto D.....Plainfield, Ill.
Audsley, Glenn L.....De Witt, Mo.
Autorina, Joseph V.....New Rochelle, N. Y.
Baker, Ralph E.....Pacific, Mo.
Baldwin, William M.....Greenville, Mo.
Ballew, James E.....El Dorado, Kans.
Banghart, Roger C.....Kansas City, Mo.
Barron, Osmond M.....St. Louis, Mo.
Bartel, John G.....Creve Coeur, Mo.
Beck, Russell John.....Menasha, Wisc.
Becker, Deane R.....St. Louis, Mo.
Becker, Robert L.....Kirkwood, Mo.
Bender, Gerald H.....St. Louis, Mo.
Benson, Maurice L.....Cardington, O.
Berger, Charles A.....St. Louis, Mo.
Berryhill, George M.....Keokuk, Ia.
Blaine, John C.....Rolla, Mo.
Blendermann, Gene R.....Bloomfield, N. J.
Blind, James P.....St. Louis, Mo.
Blumenberg, James.....St. Louis, Mo.
Boerma, Richard H.....Pensacola, Fla.
Borgers, Julian W.....Jackson Hgts., N. Y.
Boscia, Frank J.....Rolla, Mo.

Bosso, Louis A.....St. Louis, Mo.
Boushka, William M.....Carrollton, Ill.
Boyd, Charles L.....Bloomfield, N. J.
Bracken, Pat.....Springfield, Mo.
Brady, John R.....Omaha, Nebr.
Bregger, Frank E.....East Alton, Ill.
Brillos, John W.....Quincy, Ill.
Brodan, Bernard W.....Nashville, Tenn.
Brown, Emmett S.....Rolla, Mo.
Brown, Thomas L.....Carthage, Mo.
Browne, Thomas C.....Bergenfield, N. J.
Bruce, George A.....Perryville, Mo.
Bruner, Maurice M.....Carthage, Mo.
Brunkhorst, Earl R.....Overland, Mo.
Buckey, Jack M.....Rolla, Mo.
Buettnier, Melvin A.....St. Charles, Mo.
Bullock, Richard L.....Houston, Mo.
Burch, William D.....Jerseyville, Ill.
Burger, Thomas C.....Cape Girardeau, Mo.
Burgess, Gillum E.....Collinsville, Ill.
Burtnett, Robert L.....Rolla, Mo.
Bushko, Joseph G.....Richland, Wash.
Cain, Herbert S.....Caney, Kans.
Campbell, Robert E.....Joplin, Mo.
Campbell, Russell B.....Flemington, Mo.
Cantwell, Lyle E.....Rolla, Mo.
Cardetti, Leo M.....Rosati, Mo.
Carroll, Henry K.....Rutland, Vt.
Castro, Dudley L.....Abbeville, La.
Catalina, Frank W.....Fulton, Mo.
Cawthorne, Edward W.....Greentree, Pa.
Chappell, John R.....Springfield, Mo.
Chapuk, Walter A.....Witherbee, N. Y.

Charneski, Albin B.....Brooklyn, N. Y.
Chiles, William E.....Springfield, Ill.
Chille, Ralph A.....Niagara, N. Y.
Choate, Lauren W.....Oakfield, N. Y.
Cohn, Robert A.....St. Louis, Mo.
Commerford, George E.....Crystal City, Mo.
Connolly, John S.....Springfield, Mo.
Cooper, James J.....Webster Groves, Mo.
Cospier, Owen E.....Rolla, Mo.
Cotten, Merrill R.....Eldon, Mo.
Cowan, Harry D.....White Plains, N. Y.
Cowan, Robert W.....West Plains, Mo.
Cox, Jack H.....Weatherford, Tex.
Crow, Ross F.....Licking, Mo.
Crowell, Gilbert L.....Fredonia, N. Y.
Cunningham, John W.....Wentzville, Mo.
Dabbouseh, Abu Hasan Ali.....Jaffa, Palestine
Davis, Gedale D.....St. Louis, Mo.
Davis, Tom C.....Kansas City, Mo.
Day, George P.....Portland, Ore.
Deghuee, John F.....Glendale, Mo.
Derrington, Laurence F.....Pierce City, Mo.
Dickens, Richard L.....Kirkwood, Mo.
Dieckgrafe, Robert E.....St. Louis, Mo.
Dilorenzo, John.....Buffalo, N. Y.
DiMeo, Frank.....Philadelphia, Pa.
Donaldson, George R.....McLeansboro, Ill.
Doria, Sante J.....Hawthorne, N. J.
Dowling, Neal B.....St. Louis, Mo.
Doyle, Merville E.....Alton, Ill.
Drago, Daniel W.....Springfield, Mo.
Dreste, Harry F.....Kirkwood, Mo.
Drummond, Floyd M.....Rolla, Mo.

Class, 1949

Druss, Raymond.....St. Louis, Mo.
 Dulberg, Irving.....New York, N. Y.
 Dunn, Charles E.....Valley Park, Mo.
 Dunn, Karl H.....Springfield, Ill.
 Dyer, Frank W.....Lebanon, Mo.
 Eichenberger, Thomas L.....Herculaneum, Mo.
 Ellis, Joe T.....St. James, Mo.
 Ellison, James M.....Woodriver, Ill.
 Englund, John O.....Hibbing, Minn.
 Estep, Chester C.....Mt. Grove, Mo.
 Evans, Thomas R.....Rolla, Mo.
 Fairchild, William W.....Craneford, N. J.

Ferber, George E.....Hinsdale, Ill.
 Ferguson, Warren E.....St. Louis, Mo.
 Fesler, Harold E.....Cape Girardeau, Mo.
 Fine, Martin B.....Meriden, Conn.
 Fink, Clyde H.....Rolla, Mo.
 Fischer, August J.....Hawthorne, N. J.
 Fitzgibbon, Harry J.....DeSoto, Mo.
 Fornari, Joseph M.....Yatesboro, Pa.
 Foster, John J.....St. Louis, Mo.
 Frenzel, Arthur J.....St. Louis, Mo.
 Freytag, Carl A.....Newark, N. J.
 Friederich, Garland C.....St. Louis, Mo.

Friedmann, Charles L.....New York, N. Y.
 Fris, Joseph P.....Orient, Ill.
 Fritschen, Herman A.....Jennings, Mo.
 Fritzen, Lawrence V.....Redondo Beach, Calif.
 Fugate, Johndrow.....Weaubleau, Mo.
 Gabrielse, Richard S.....Sheboygan, Wisc.
 Gaillard, Luciano A.....Miraflores, Peru
 Gandhi, Chandrakant D.....Bombay, India
 Gardner, John E.....Chicago, Ill.
 Ganley, Robert J.....Hudson, N. Y.
 Gaston, Marvin C.....Godfrey, Ill.
 Gerard, Robert A.....Ste. Genevieve, Mo.



FOURTH ROW: Schafer, D. Smith, Meyer, Snowden, Mullersman, Connolly, Evans, Norwood, W. Huff. THIRD ROW: Giutoli, Nichols, Glasser, R. Smith, Theusen, Edgington, Zimmerman, Mankiewicz, Soriano, Niemczura. SECOND ROW: E. Huff, Greig, Dickens, Tarwater, Johnson, Ladd, Schumann, Ogg, Sarafalowski. FIRST ROW: Hallett, Bullock, Perry, Bosso, Cooper, Audsley, Banghart, Wiseman, Lus, Poschel.

Geidel, Harold W.....Webster Groves, Mo.
 Giacoma, Frederick A.....St. Louis, Mo.
 Gibbs, Richard D.....Independence, Mo.
 Gieseke, Leo E.....Springfield, Mo.
 Gifford, Harold.....Chicago, Ill.
 Giutoli, Aurallio.....Cicero, Ill.
 Givens, William A.....Paris, Ill.
 Glasser, Saul.....New York, N. Y.
 Gray, Dennis.....Brocton, Ill.
 Gray, William K.....Tulsa, Okla.
 Greer, Rex E.....Plains, Kans.
 Greig, George H.....Rolla, Mo.

Grier, Albert W.....Jonesboro, Ark.
 Griffith, John B.....Carbondale, Ill.
 Gutzler, Paul J.....St. Louis, Mo.
 Hackbarth, Richard O.....Plantsville, Conn.
 Hallett, William M.....St. Louis, Mo.
 Hargus, Loren.....Kansas City, Mo.
 Harper, William S.....Chicago, Ill.
 Harris, Edwin D.....Carthage, Mo.
 Harrison, Richard N.....Rolla, Mo.
 Harter, Ray K.....University City, Mo.
 Hauck, Charles A.....Lakewood, O.
 Hawker, Gene J.....DeKalb, Ill.

Hawkins, William.....Commerce, Mo.
 Hay, Horace E.....Newburg, Mo.
 Hectfield, Robert D.....St. Louis, Mo.
 Heilich, Raymond F.....St. Louis, Mo.
 Heineck, Dale W.....St. Louis, Mo.
 Hellman, Milton H.....Kansas City, Mo.
 Hemmer, Ralph J.....Hewitt, N. J.
 Henry, Bobby R.....Rolla, Mo.
 Henson, Gerald L.....Alton, Ill.
 Hercules, Hubert R.....St. Charles, Mo.
 Herder, John H.....Elhurst, Ill.
 Hession, Vincent J.....Hackettstown, N. J.

Sophomore

Hilburn, Harold M.....Kansas City, Mo.
 Hirner, John A.....Monroe City, Mo.
 Hohlfelder, Eugene F.....Glencoe, Ill.
 Holdman, Leslie F.....Bonne Terre, Mo.
 Holland, John W.....Springfield, Mass.
 House, James H.....Leadwood, Mo.
 Hubbard, James R.....Mt. Grove, Mo.
 Huber, Richard G.....St. Louis, Mo.
 Huey, Don R.....Rolla, Mo.
 Huff, Eugene L.....Rolla, Mo.
 Hughes, Richard A.....Gillespie, Ill.
 Humphrey, Robert M.....Joliet, Ill.

Hunt, Dean R.....Rolla, Mo.
 Hunt, Robert G.....Des Moines, Ia.
 Hydinger, Paul L.....McKees Rocks, Pa.
 Irwin, David M.....East Cleveland, O.
 Jackson, Earl E.....Vandalia, Mo.
 Jankowski, Ed. J.....Nashville, Ill.
 Jeffers, Phillip E.....Gardner, Ill.
 Jekel, Charles A.....St. Louis, Mo.
 Jerome, Gerhart D.....Dowell, Ill.
 Johannesmeyer, Herman M.....Freeburg, Mo.
 Johnson, Gerald A.....McLeansboro, Ill.
 Johnson, Junius L.....Kansas City, Mo.

Jones, Donald E.....Minden, W. Va.
 Jones, Richard L.....Ft. Worth, Tex.
 Jones, William R.....East St. Louis, Ill.
 Kaplan, Newton H.....Albany, N. Y.
 Keane, Joseph P.....New Rochelle, N. Y.
 Keeser, Harlow M.....St. Charles, Mo.
 Keller, Charles W.....Springfield, Mo.
 Keller, Wendell S.....Palmyra, Mo.
 Kennedy, Harry E.....St. Louis, Mo.
 Kessler, William D.....Rochester, Ill.
 Kirchoefer, Oliver M.....St. Louis, Mo.
 Klein, Kenneth H.....St. Louis, Mo.



FIFTH ROW: Dowling, Reed, Schmitt, Stinson, Riedinger. FOURTH ROW: Kneuppel, Campbell, Hercules, Kolb, Keeser, Geidel, Stark, Yager, Motta, Tochtrop, Scheffler. THIRD ROW: Konviser, Cowan, Canoll, Commerford, Miles, Gieseke, Melton, Tuepker, Reeves, Heetfield, SECOND ROW: Young, Simpson, Gabrielse, Wurtz, Palmer, Mallon, Strite, Losco, Dieckgrafe, Hirner, Zumsteg. FIRST ROW: Fritschen, Dunn, Voertman, Roschke, Polito, Adair, House, Wolfe, Drago, Ruhl.

Kline, Raymond M.....St. Louis, Mo.
 Knobel, Elwood L.....Pacific, Mo.
 Kneuppel, Harold R.....Palmyra, Mo.
 Koederitz, William A.....St. Louis, Mo.
 Koetting, Jerome D.....Kansas City, Mo.
 Kolb, Eugene F.....St. Charles, Mo.
 Konviser, Dite.....Woodridge, N. Y.
 Koontz, Rollin H.....Springfield, Ill.
 Kouns, William D.....St. Louis, Mo.
 Krewer, Gaillard D.....Valmeyer, Ill.
 Kritzer, Herbert E.....Rolla, Mo.
 Kronmueller, Robert L.....Normandy, Mo.

Kuebrich, John M.....Dunkirk, N. Y.
 Ladd, Richard W.....N. Tarrytown, N. Y.
 Laird, James G.....Malvern, Ark.
 Land, Robert L.....Granite City, Ill.
 Landolt, Joseph A.....St. Louis, Mo.
 Langenbach, Jack E.....Arnold, Mo.
 LaPatine, Leonard A.....Long Island, N. Y.
 Latino, Charles J.....New Rochelle, N. Y.
 Lattin, Judson M.....Waukegan, Ill.
 Leathwood, Carl L.....St. Louis, Mo.
 Lehmann, Charles F.....Lynbrook, N. Y.
 Light, Eugene E.....Rolla, Mo.

Linder, Clement F.....Rhinebeck, N. Y.
 Lindsey, Eugene H.....Mon Rovia, Calif.
 Llewellyn, Henry D.....Rolla, Mo.
 Lojewski, John H.....Schenectady, N. Y.
 Longerich, Ernest P.....Mahwah, N. J.
 Losco, Alfred G.....Paterson, N. J.
 Lus, Louis M.....Dallas, Tex.
 Lynch, John F.....Freeport, N. Y.
 McBrayer, Jack R.....Benton, Ill.
 McDaniel, Hulon D.....Overland, Mo.
 McDonald, Francis J.....Brownville, N. Y.
 McDonald, James E.....Iberia, Mo.

Class, 1949

McEvilly, William G.....Newburgh, N. Y.
 McGillan, Cecil E.....Queen City, Mo.
 McLuckie, Walter L.....Coal City, Ill.
 Mace, Bonard V.....Palace, Mo.
 Maday, Donald S.....Buffalo, N. Y.
 Madelung, Robert R.....Milford, Conn.
 Mallon, Richard G.....St. Louis, Mo.
 Maltzahn, Donald W.....Kenmore, N. Y.
 Maneke, Clarence.....Rolla, Mo.
 Martin, Robert D.....Greenville, Ill.
 Matson, Don D.....St. Louis, Mo.
 Maurer, John E.....St. Louis, Mo.

Maxwell, John P.....St. Louis, Mo.
 Meiners, Don A.....St. Louis, Mo.
 Melton, John H.....Herrin, Ill.
 Menacho, Adolfo V.....Miraflores, Peru
 Meyer, Daniel.....Wellston, Mo.
 Meyer, Jean L.....Union, Mo.
 Meyer, Milton W.....Beardstown, Ill.
 Miles, Roy G.....Essex, Mo.
 Milligan, Edward J.....Flushing, N. Y.
 Montgomery, Donald D.....St. Louis, Mo.
 Morrison, Robert L.....Woodriver, Ill.
 Moscari, John.....Rahway, N. J.

Motta, Frank D.....Gardner, Ill.
 Moy, Harry.....Bridgeport, Conn.
 Mueller, John J.....Webster Groves, Mo.
 Mullerman, Ferdinand H.....Flat River, Mo.
 Murphy, Thomas J.....St. Louis, Mo.
 Murray, Richard W.....St. Louis, Mo.
 Neal, Charles N.....Rolla, Mo.
 Neiheiser, Charles L.....Richmond Hgts., Mo.
 Nichols, John W.....Rhinecliff, N. Y.
 Niemczura, Stanley W.....Ware, Mass.
 Norwood, Donald D.....Lamar, Mo.
 Nutter, Robert G.....Jefferson City, Mo.



THIRD ROW: Packheiser, Broden, Segelhorst, Tarwater, Fine, Donaldwon, Fairchild, Kaplan, Dabbouseh, Stone. SECOND ROW: Austin, Crow, Rieder, T. Brown, Johnson, Rice, Senturia, Tabachnick, D. Brown, Townsend. FIRST ROW: Ackfield, Sobie, Sandholm, McEvilly, Gray, Rusk, Young, Jackson, Meyer, Cantwell.

O'Connel, William R.....Decatur, Ill.
 Oechsle, Hans P.....Jefferson City, Mo.
 Ogg, Walter T.....Towaco, N. J.
 Oitto, Richard H.....Rolla, Mo.
 Olson, Howard A.....Postville, Ia.
 Osetek, Edward E.....Garfield, N. J.
 O'Shields, Robert L.....Union, S. C.
 Ott, Ross V.....Quincy, Ill.
 Owens, Frank W.....Alton, Ill.
 Packheiser, Elmer D.....Vichy, Mo.
 Palmer, James H.....St. Louis, Mo.
 Parrish, David D.....Walnut Grove, Mo.

Patel, Ravindra C.....Bombay, India
 Pearson, Walter O.....Granite City, Ill.
 Pender, Paul S.....Granite City, Ill.
 Pennington, Robert J.....Rolla, Mo.
 Pentecost, Eldon W.....West Plains, Mo.
 Pering, Claude O.....Carl Junction, Mo.
 Perry, Bobbie L.....West Frankfort, Ill.
 Peterson, Forest R.....Chillicothe, Mo.
 Phillips, Robert W.....Kansas City, Mo.
 Phillips, Theodore D.....Odin, Ill.
 Phillips, William R.....Springfield, Ill.
 Plass, John W.....Hudson, N. Y.

Plater, J. B.....Robinson, Ill.
 Plummer, William B.....St. Louis, Mo.
 Polito, Nathaniel A.....New Rochelle, N. Y.
 Poschel, Joseph E.....Springfield, Mo.
 Powell, Joe R.....Eldon, Mo.
 Presson, Bill L.....St. Louis, Mo.
 Quatrochi, Philip J.....New Rochelle, N. Y.
 Quick, John R.....St. Louis, Mo.
 Rafalowski, Stanley A.....St. Louis, Mo.
 Raffone, John J.....Hoboken, N. J.
 Ramey, Robert D.....Alton, Ill.
 Ramirez, Jaime.....Bogota, Colombia

Sophomore

Ramsay, Glendon J.....Rochester, N. Y.
 Ratliff, Harold C.....Pearly, Va.
 Reed, Leonard B.....St. Louis, Mo.
 Reeves, Ernest J.....Bloomfield, N. J.
 Reneau, Kenneth.....Rolla, Mo.
 Reser, Donald E.....West Plains, Mo.
 Rice, Charles A.....Kansas City, Mo.
 Rieder, Robert J.....St. Louis, Mo.
 Riedinger, Walter B.....St. Louis, Mo.
 Rigdon, James D.....Festus, Mo.
 Riley, Robert E.....Rolla, Mo.
 Rix, Henry J.....St. Joseph, Mo.

Roach, Warren D.....Rolla, Mo.
 Roberts, James G.....Paragould, Ark.
 Robotti, Richard R.....Long Island, N. Y.
 Rodriguez, Daniel M.....Trujillo, Peru
 Rogles, Ronald A.....St. Louis, Mo.
 Romo, Ray A.....Overland, Mo.
 Roschke, Alfred J.....St. Louis, Mo.
 Ruhl, Wiley T.....Springfield, Mo.
 Runvik, Richard C.....Attica, N. Y.
 Rushton, William E.....Chicago, Ill.
 Rusk, Phyllis A.....Independence, Mo.
 Rust, Martin F.....Poplar Bluff, Mo.

Rustenbeck, James D.....University City, Mo.
 Rutsky, Joseph M.....Little Rock, Ark.
 Savens, James B.....St. Louis, Mo.
 Schaefer, Louis A.....St. Joseph, Mo.
 Schafer, Donald O.....East Marion, N. Y.
 Scheffler, Tom L.....Riverton, Ill.
 Schipano, Gerard J.....Paterson, N. J.
 Schlingman, Paul N.....St. Louis, Mo.
 Schmidt, Donald W.....Arlington, Nebr.
 Schmidt, George W.....St. Louis, Mo.
 Schmidt, Milton E.....Gillespie, Ill.
 Schmitt, Donald E.....St. Louis, Mo.



THIRD ROW: Leach, Bushko, Jeffers, Vose, Short. SECOND ROW: Burgess, Choate, Gallagher, Whitmer, Koederitz. FIRST ROW: McDaniel, Williams, Runvik, Linder, Romo.

Schmitt, William R.....Mt. Vernon, Ill.
 Schneider, Donald O.....St. Louis, Mo.
 Scholes, William W.....Granby, Mo.
 Schuchardt, Robert E.....Affton, Mo.
 Schumann, Frank O.....New Rochelle, N. Y.
 Schwartz, Lee K.....Clayton, Mo.
 Searight, Tom K.....Rolla, Mo.
 Segelhorst, Raymond E.....Union, Mo.
 Senturia, Lee D.....Collinsville, Ill.
 Sexton, Edward F.....St. Louis, Mo.
 Shaw, Samuel.....Whitinsville, Mass.
 Shepherd, Alberto A.....Lima, Peru

Sherburne, Fraser W.....Lowell, Mass.
 Shields, Robert W.....Webster Groves, Mo.
 Short, Wallace W.....Kirkwood, Mo.
 Sidener, Virgil E.....Rolla, Mo.
 Simmons, Edward L.....Pleasant Hill, Mo.
 Simpson, Thomas A.....Waterville, Me.
 Slocum, George C.....Flushing, N. Y.
 Smith, Arthur A.....East Alton, Ill.
 Smith, David L.....Springfield, Ill.
 Smith, Donald B.....New Rochelle, N. Y.
 Smith, George M.....Springfield, Ill.
 Smith, Gerald D.....Norman, Nebr.

Smith, Glen A.....Carthage, Mo.
 Smith, Harry W.....Paterson, N. J.
 Smith, John E.....Rolla, Mo.
 Smith, Robert J.....St. Louis, Mo.
 Smith, Tom E.....St. Louis, Mo.
 Snowden, Robert W.....St. Louis, Mo.
 Snyder, John R.....Clayton, Mo.
 Sobie, Milton A.....Oak Park, Ill.
 Sopp, Richard A.....St. Louis, Mo.
 Soriano, Charles A.....Paterson, N. J.
 Soukup, Frank A.....Shelton, Conn.
 Stallings, George W.....Andrews, Ind.

Class, 1949

Stark, Edward T.....Norton, Mass.
 Stark, Richard F.....St. Louis, Mo.
 Stevenson, Frank B.....Potosi, Bolivia
 Stinebaugh, Thomas E.....East St. Louis, Ill.
 Stinson, Robert J.....St. Louis, Mo.
 Stone, Wallace, C.....Humansville, Mo.
 Stowe, Allan.....Brooklyn, N. Y.
 Strite, Russell R.....Waynesboro, Pa.
 Strunk, William H.....Tiskilwa, Ill.
 Sueme, Robert O.....St. Louis, Mo.
 Sundholm, Arthur W.....Brooklyn, N. Y.
 Suren, Robert G.....St. Louis, Mo.
 Svejkosky, Alvin G.....St. Louis, Mo.
 Tankersley, James H.....Caruthersville, Mo.
 Tarantola, Bruce E.....St. Louis, Mo.
 Tarwater, James P.....Gallatin, Mo.
 Tate, John R.....Rolla, Mo.
 Tester, Hubert G.....Madison, Ill.
 Thaller, Kenneth J.....St. Louis, Mo.
 Theiss, John C.....St. Louis, Mo.
 Theusen, Paul J.....Haledon, N. J.
 Thurston, Richard A.....St. Louis, Mo.
 Tillewein, Henry P.....St. Louis, Mo.
 Tochtrop, Joe M.....Wentzville, Mo.
 Tonking, Henry H.....Dover, N. J.

Townsend, David W.....Cobden, Ill.
 Tschannen, James D.....Webster Groves, Mo.
 Tuepker, Ralph A.....Washington, Mo.
 Tulloch, Stewart.....Rolla, Mo.
 Van Bramer, William G.....Hudson, N. Y.
 Van Buskirk, Lyman.....Adrian, Mo.
 Vanderheyden, Eugene.....St. Louis, Mo.
 Van Nort, John R.....Williamsport, Pa.
 Vansant, Robert E.....Clinton, Mo.
 Via, Kenneth B.....Jacksonville, Mo.
 Voertman, Ken W.....St. Louis, Mo.
 Von Behren, Don W.....St. Louis, Mo.
 Vose, William B.....Alton, Ill.
 Wallace, Kenneth H.....Belle, Mo.
 Wallace, Laddie B.....Belle, Mo.
 Walsh, Thomas E.....Yonkers, N. Y.
 Warner, George H.....Cranford, N. J.
 Waters, Charles R.....Sikeston, Mo.
 Weiss, Jerome.....Madison, Ill.
 Wenneborg, William.....Springfield, Ill.
 Whelan, Kenneth J.....St. Louis, Mo.
 Whitmer, David R.....Overland, Mo.
 Wick, Keith E.....Chicago, Ill.
 Will, William E.....West Frankfort, Ill.
 Wilson, Emmett L.....Richmond, Mo.

Wilson, Gerald M.....Crane, Mo.
 Wilson, Richard J.....Alton, Ill.
 Winchester, Billie J.....Clay City, Ill.
 Winters, John F.....Macon, Mo.
 Wiseman, David L.....St. Louis, Mo.
 Wiseman, Donald E.....Anderson, Mo.
 Wohler, William H.....Alton, Ill.
 Wolf, Frederick H.....Bonne Terre, Mo.
 Wolf, Robert V.....St. Louis, Mo.
 Wood, James F.....Leasburg, Mo.
 Woodlock, Leon F.....Sausalito, Calif.
 Wurtz, Wade C.....East St. Louis, Ill.
 Yager, Arthur W.....Springfield, Mo.
 Yodice, Arnaldo.....Buenos Aires, Argentina
 Young, George C.....St. Louis, Mo.
 Young, John C.....Patchogue, N. Y.
 Young, Orville C.....Farmington, Mo.
 Young, Raymond L.....Alton, Ill.
 Zeid, Marvin C.....Chicago, Ill.
 Zeis, Albert E.....St. Louis, Mo.
 Zimmerman, Donald G.....Griggsville, Ill.
 Zumsteg, Richard E.....Quincy, Ill.
 Zupan, Milan J.....St. Louis, Mo.

SOPHOMORES ENTERING IN FEBRUARY

Ballestero, A.....Saratoga, N. Y.
 Beachler, R.....Rolla, Mo.
 Berry, H.....Mamaroneck, N. Y.
 Bishop, B.....Cardwill, Mo.
 Brenk, R.....Kansas City, Mo.
 Cohen, D.....Brooklyn, N. Y.
 Cooper, R.....Affton, Mo.
 Cox, W.....St. Louis, Mo.
 DiGiorgio, J.....New York City, N. Y.
 Green, R.....St. Louis, Mo.
 Griffin, W.....Queens Village, L. I., N. Y.
 Heller, E.....Lima, Peru
 Henry J.....Hurley, N. M.
 Irani, K.....Bombay, India
 Johnston, R.....Kansas City, Mo.
 Kranyak, A.....Avon, O.
 Krokroskia, E.....Zineville, Okla.
 Lasko, E.....Erie, Pa.
 Manrique, N.....Bogota, Colombia



End of a busy day.

Freshman



FRESHMEN CLASS OFFICERS

President.....Joe Geers
 Vice-President..... Connelly Sanders
 Secretary.....Bill Amend
 Treasurer.....Joe Cole

Ackman, Fredric C.....Fairfield, Ill.
 Alburtis, Lawrence E.....Warrensburg, Mo.
 Allison, Walter H.....St. James Mo.
 Amend, William E.....Webster Groves, Mo.
 Amsler, Kenneth J.....St. Louis, Mo.
 Anderson, Charles A.....Lemay, Mo.
 Andre, Henry E.....Lynbrook, N. Y.
 Andrews, Joe F.....West Plains, Mo.
 Anglada, Luis M.....Santurce, Puerto Rico
 Archer, David.....Chillicothe, Mo.
 Argo, James W.....Springfield, Mo.
 Bailey, John W.....Rolla, Mo.
 Bane, Curtis G.....Longford, Kans.
 Banks, Leland L.....St. James, Mo.
 Bardzik, John.....East Rutherford, N. J.
 Barnard, Charles R.....Oakland City, Ind.
 Baseler, Richard D.....Lemay, Mo.
 Basford, Donald E.....St. James, Mo.
 Basler, Francis S.....Ste. Genevieve, Mo.
 Bauer, Richard H.....St. Louis, Mo.
 Bay, Carl G.....St. Louis, Mo.
 Bay, Robert E.....St. Louis, Mo.
 Beauchamp, Jack A.....Kansas City, Mo.
 Bee, Harold T.....St. Louis, Mo.
 Belew, James A.....Salem, Mo.
 Bellis, Gerald B.....St. Joseph, Mo.
 Bender, John H.....New Philadelphia, O.
 Bennett, James B.....East St. Louis, Ill.
 Berry, Charles A.....Mamaroneck, N. Y.
 Best, Richard G.....Valley Park, Mo.
 Beverage, Leland D.....Belleville, Ill.
 Bilyeu, Carl G.....Springfield, Mo.
 Bird, David.....Miraeidres, Peru
 Blackmon, Paul H.....Doniphan, Mo.
 Blevins, Hugh E.....Little Rock, Ark.
 Borberg, James R.....Wellington, Mo.
 Born, Gerald F.....Maplewood, Mo.
 Bosse, Richard M.....Ferguson, Mo.
 Bowlin, William H.....Worth, Mo.
 Bowman, John C.....Tampa, Fla.
 Boyle, James R.....Rahway, N. J.
 Bradley, William D.....Rolla, Mo.
 Bridges, Thomas L.....East St. Louis, Ill.
 Broddon, Norman C.....St. Louis, Mo.
 Brooks, James R.....Birmingham, Ala.
 Brunner, Harold W.....Jennings, Mo.
 Bruskotter, John F.....Ottawa, O.
 Bryant, Richardson G.....Joplin, Mo.
 Buersmeyer, Cornelius.....Jefferson City, Mo.
 Bulger, Frederick L.....Gouverneur, N. Y.
 Burford, Bernard F.....Omaha, Nebr.
 Burford, Robert D.....Sedalia, Mo.

Burnett, Kenneth J.....Humansville, Mo.
 Buttrely, Kenneth E.....Illmo, Mo.
 Calcaterra, Edward L.....Herrin, Ill.
 Calton, Ralph D.....St. James, Mo.
 Cameron, David E.....Bradford, Penn.
 Campbell, Gordon H.....Trenton, Tenn.
 Carpenter, Arleigh D.....Steelville, Mo.
 Carswell, Charles.....Kansas City, Mo.
 Cartier, Urban A.....St. Louis, Mo.
 Caselton, James A.....St. Louis, Mo.
 Cauthorn, James E.....Mexico, Mo.
 Cavin, Edgar A.....Jennings, Mo.
 Cerchie, Elio I.....Joplin, Mo.
 Chapman, Russell O.....Dumont, N. J.
 Clarke, Fred.....Steelville, Mo.
 Clausen, William R.....Rolla, Mo.
 Cleary, Frank M.....St. Louis, Mo.
 Clements, Walter W.....Wichita, Kans.
 Clinton, Bobbie G.....East Alton, Ill.
 Cobb, Robert F.....Niagara Falls, N. Y.
 Cole, Allan A.....Orange, N. J.
 Cole, Joseph B.....Okmulgee, Okla.
 Coleman, Thomas E.....Mountain Grove, Mo.
 Comfort, John C.....Lemay, Mo.
 Cook, Clarence E.....Fredericktown, Mo.
 Cooley, James A.....Valley Park, Mo.
 Corrigan, Richard J.....Wilmette, Ill.
 Cox, Fred M.....Rolla, Mo.
 Cox, Homer L.....Quincy, Ill.
 Craig, William E.....Bonne Terre, Mo.
 Crane, Harold R.....Palmyra, Mo.
 Crawford, Charles A.....Kansas City, Mo.
 Crismon, Kenneth W.....Eldon, Mo.
 Dallery, David N.....Lincoln Park, N. J.
 Dal Porto, Joseph F.....Niagara Falls, N. Y.
 Danson, William R.....Licking, Mo.
 Danzer, Richard H.....St. Louis, Mo.
 Davis, Maurice K.....St. Louis, Mo.
 Davis, Russell E.....Kenmore, N. Y.
 DeGan, James J.....Gary, Ind.
 DeHekker, Robert J.....St. Louis, Mo.
 Demarco, Julio G.....Buenos Aires, Argentina
 Dent, Harry L.....St. Louis, Mo.
 Dermody, Robert N.....Mexico, Mo.
 Derossett, Virgil.....Bolivar, Mo.
 Deshazo, Dean O.....West Plains, Mo.
 Determann, Ken E.....Warrenton, Mo.
 DeVaney, Daniel S.....Hibbing, Minn.
 Diebold, Francis L.....Benton, Mo.
 Dill, Earl R.....St. Louis, Mo.
 Doerr, Earnie.....Jennings, Mo.
 Dowd, Bernard P.....Leadwood, Mo.

Drewel, Billy M.....Vandalia, Mo.
 Drewel, Donald E.....Piggott, Ark.
 Duaei, Don A.....Lombard, Ill.
 Duchek, Burton J.....St. Louis, Mo.
 Duchek, Thomas J.....St. Louis, Mo.
 Durham, Richard C.....Hudson, Kans.
 Durham, Robert S.....Ft. Smith, Ark.
 Edmeston, Maynard M.....Rochester, N. Y.
 Edwards, Gene W.....St. Louis, Mo.
 Ehms, Donald A.....Buffalo, N. Y.
 Ehrich, Edward H.....St. Louis, Mo.
 Elbaum, Jerome K.....Glen Cove, N. Y.
 Eldridge, Howard B.....Webster Groves, Mo.
 Elrod, Rico E.....Belle, Mo.
 England, Murray N.....Neosho, Mo.
 Enk, John W.....St. Louis, Mo.
 Evans, John E.....Laguna Beach, Calif.
 Farrar, Robert D.....South Easton, Mass.
 Farrer, Robert E.....Logansport, Ind.
 Faulkner, James R.....Rolla, Mo.
 Faust, Ralph R.....Rolla, Mo.
 Ferns, Chester K.....Tenafly, N. J.
 Ficken, James H.....St. Louis, Mo.
 Finegar, William A.....Buffalo, N. Y.
 Finklang, John W.....St. Louis, Mo.
 Firman, Harry W.....Philadelphia, Pa.
 Fish, George E.....Tallahassee, Fla.
 Fisher, Donald G.....Danville, Ill.
 Fisher, James E.....Willow Springs, Mo.
 Fisher, Robert B.....Rolla, Mo.
 Fitzpatrick, James J.....Ansonia, Conn.
 Flegel, Russell.....Little Rock, Ark.
 Fleshman, Howard G.....St. Louis, Mo.
 Flink, Frank B.....Kansas City, Mo.
 Flore, Robert A.....St. Louis, Mo.
 Forck, Luke G.....Jefferson City, Mo.
 Fosha, Albert A.....Alton, Ill.
 Foster, James W.....Bell City, Mo.
 Fracchia, Mario J.....University City, Mo.
 Frase, Kenneth A.....Dumont, N. J.
 Freiburger, Harold C.....Union, Mo.
 Frick, William M.....Washington, Mo.
 Garrison, Thomas M.....Mt. Vernon, Ill.
 Garten, Randal L.....Piney View, W. Va.
 Geers, Joseph H.....St. Louis, Mo.
 Gegg, Edgar J.....Ste. Genevieve, Mo.
 Gelfand, Richard A.....Flushing, N. Y.
 Gereau, Kenneth J.....St. Louis, Mo.
 Gericke, James O.....St. Louis, Mo.
 Gibson, Louis E.....Eldon, Mo.
 Gilbert, John F.....Marblehead, Mass.
 Gioseffi, Nicholas J.....Harrison, N. Y.

Class, 1949

Goff, William W.....Kirkville, Mo.
Gorman, William H.....Robertson, Mo.
Goul, Richard D.....Long Beach, Calif
Govatos, John N.....Wilmington, Dela.
Grant, Joe W.....Morrisville, Mo.
Gray, Joe E.....East Orange, N. J.
Greaves, Bruce A.....St. Louis, Mo.
Greene, James E.....Richmond Hgts., Mo.
Greenwalt, Clyde R.....Rolla, Mo.
Grimes, Donald L.....St. Louis, Mo.
Grimes, P. J.....Hartville, Mo.
Gunter, Charles E.....St. James, Mo.
Hahne, Wayne A.....St. Louis, Mo.
Hall, Norman M.....University City, Mo.
Hankins, Jewell G.....Wellington, Mo.
Harman, Charles W.....Springfield, Mo.
Hastings, Reaves E.....Bartow, Fla.

Hausmann, Paul L.....Washington, Mo.
Hausner, Paul H.....Kansas City, Mo.
Heckenberg, William C.....Ferguson, Mo.
Heeger, Charles H.....Union, Mo.
Heimbach, Charles M.....Sparta, Ill.
Heitmann, Ward H.....Roselle, N. J.
Heller, William R.....Rolla, Mo.
Helton, David L.....Plato, Mo.
Henry, Matthew B.....Springfield, Mo.
Henry, Richard L.....Macon, Mo.
Hergesell, Francis P.....New Rochelle, N. Y.
Hewett, Charles A.....Johnson City, N. Y.
Hinkel, James R.....California, Mo.
Hirsch, Robert L.....St. Louis, Mo.
Hockenbury, Melvin C.....Asbury Park, N. J.
Hoertel, William W.....Rolla, Mo.
Hoffman, Ronald A.....St. Louis, Mo.

Holcomb, Lester W.....Sparta, Ill.
Holtgrieve, Wilbert E.....St. Charles, Mo.
Honigfort, Henry F.....Chesterfield, Mo.
Hook, Glenn M.....Kimmswick, Mo.
Hooker, Charles E.....Little Rock, Ark.
Hoppe, Harry M.....St. Louis, Mo.
Howe, Bernard F.....Webster Groves, Mo.
Huffman, Gene A.....Rolla, Mo.
Humphrey, Charles R.....Mt. Vernon, Ill.
Hunt, Lewis D.....Trenton, Tenn.
Hutkin, Irving J.....Brooklyn, N. Y.
Hutson, Edward K.....Kansas City, Mo.
Iten, Ruth A.....St. Louis, Mo.
Jenkins, Lloyd H.....Gallup, N. Mex.
Johnson, Harold F.....Fredericktown, Mo.
Johnson, Joe William.....DuQuoin, Ill.
Johnson, Robert W.....Richmond Hgts, Mo.



FIFTH ROW: Pape, C. Bay, Pierson, Smith, Robertson, Bilyeu. FOURTH ROW: R. Bay, Miller, Schneider, Schafer, Bellis, Myers, McCammon, Lowe, Stott, Drewel, Davis, Dowd. THIRD ROW: Redmon, Soehlke, Best, Hydingier, Schmedel, Hinkel, Stillwell, Turnipseed, Firman, Faust. SECOND ROW: McDowell, Schueler, Honigfort, Ruff, Hunt, Campbell, Tarr, Wood, Spencer, Hahne, Ferns. FIRST ROW: Bowlin, Johnson, Cauthorn, Flegel, Morefield, Pawloski, Satterfield, Kunkel, Kerr, Goff, Rous, Diebold, Roster.

Johnston, Derril L.....St. Louis, Mo.
Jones, John L.....Robertson, Mo.
Jones, Robert A.....St. Bevier, Mo.
Jones, Robert S.....Kansas City, Mo.
Jordan, Lewis W.....Newburg, Mo.
Jost, Edward N.....St. Louis, Mo.
Jung, Ralph A.....St. Louis, Mo.
Justus, Richard F.....St. Louis, Mo.
Juttemeyer, Frank D.....St. Louis, Mo.
Kallaus, Roland C.....Hudson, Kans.
Kavanaugh, Paul A.....Richwoods, Mo.
Keil, Byron L.....Springfield, Ill.
Kerr, Homer C.....Rolla, Mo.
Kibler, Dewey E.....St. Louis, Mo.
Kimberlin, John L.....Bourbon, Mo.
Kimble, Charles M.....East St. Louis, Ill.
Kimker, William P.....Kirkwood, Mo.

King, Gerald S.....Lincoln, Ill.
King, Melvin E.....Rosiclare, Ill.
Kiraly, Eldon A.....Highland, Ill.
Klein, Frederick A.....St. Louis, Mo.
Klick, Addison C.....Maplewood, Mo.
Klutenkamper, Conrad L.....St. Peters, Mo.
Korytko, Leo S.....Lewistown, Me.
Kralovec, John C.....Booneville, Mo.
Kunkel, John H.....West Plains, Mo.
Laciny, Lloyd C.....Glendale, Mo.
Laird, Leonard L.....Spencer, Nebr.
Laurenz, Joseph B.....Rolla, Mo.
Layman, James W.....Springfield, Mo.
Laytham, Eugene M.....Brentwood, Mo.
Laytham, John W.....Brentwood, Mo.
Leach, Hugh Verdell.....Malino, Mo.
Learmont, Robert J.....St. Louis, Mo.

Lehr, Jack R.....St. Louis, Mo.
Leiber, Charles E.....Rolla, Mo.
Leigh, Norman B.....Kirkwood, Mo.
Leimkuehler, William H.....St. Louis, Mo.
Lentz, Thomas H.....Collinsville, Ill.
Licata, Jack.....DuQuoin, Ill.
Light, Richard L.....Rolla, Mo.
Loges, Arthur T.....Brooklyn, N. Y.
Lohrman, Roger M.....Brooklyn, N. Y.
Lomax, Wesley J.....Edwardsville, Ill.
Longman, Walter J.....Herrin, Ill.
Lowe, Joe D.....Campbell, Mo.
Lucido, Peter J.....St. Louis, Mo.
Luett, Robert C.....Vandalia, Mo.
Luther, Charles L.....St. Louis, Mo.
Lutz, Norman R.....Aldan, Pa.
Lynch, Bobby R.....Alton, Ill.

Freshman

McCague, Thomas O.....Ottawa, Ill.
 McCammon, Donald P.....St. Joseph, Mo.
 McClaine, James D.....New Ross, Ind.
 McCormack, Donald C.....St. Louis, Mo.
 McCormack, Thomas J.....Brooklyn, N. Y.
 McCullah, Freeman P.....Springfield, Mo.
 McDowell, Charles M.....Kaiser, Mo.
 McIntyre, John F.....Washington, Mo.
 McLeane, Bob W.....Richmond Hqts., Mo.
 McMeekin, Ellington J.....Hawthorne, Fla.
 McMeekin, Frank T.....Hawthorne, Fla.
 Macke, John G.....St. Louis, Mo.
 Mackey, Melvin W.....Clarks ville, Mo.
 MacMaster, Edward.....Paterson, N. J.
 MacZura, George.....East St. Louis, Ill.
 Mangnell, Tom E.....Richmond, Mo.
 Mankiewicz, Richard C.....Bloomfield, N. J.
 Marlow, Clifford M.....Montgomery City, Mo.
 Marquis, Frank J.....Niagara Falls, N. Y.
 Martin, Lewis C.....Darnell, La.

Matthews, Lyle D.....Nebo, Mo.
 Menke, Gregory V.....St. Louis, Mo.
 Meskan, David A.....Chicago, Ill.
 Metzler, Harold G.....Morris, Ill.
 Meyer, Dwight L.....Bonne Terre, Mo.
 Meyer, John F.....Bonne Terre, Mo.
 Meyers, Bill G.....Kent, Tex.
 Miller, Deward J.....St. Louis, Mo.
 Mooney, John J.....St. Louis, Mo.
 Moore, Robert E.....Bloomfield, Nebr.
 Moore, Robert L.....Ketchikan, Alaska
 Morefield, George S.....DeKalb, Mo.
 Morse, Robert A.....St. Louis, Mo.
 Mountjoy, William R.....Kansas City, Mo.
 Mueller, Donald L.....St. Louis, Mo.
 Mueller, Richard E.....Webster Groves, Mo.
 Mulholland, John E.....Sparta, Ill.
 Murphy, Joseph J.....Baldwin, N. Y.
 Myers, Eugene W.....St. Joseph, Mo.
 Neuman, Norbert F.....St. Louis, Mo.

Newlin, Robert R.....Decatur, Ill.
 Noland, Kenneth O.....Newburg, Mo.
 Nutter, Roy W.....Putnam, Conn.
 Obershelp, William F.....St. Louis, Mo.
 Oliphant, Edgar.....Richmond, Mo.
 Palmer, George T.....Kansas City, Mo.
 Pape, Earl E.....St. Louis, Mo.
 Pawloski, Bernard L.....Pittsburgh, Pa.
 Perret, Albert E.....Union de Reyes, Cuba
 Pierson, Harold L.....Palestine, Ill.
 Pohlman, Roland L.....Overland, Mo.
 Potter, Vernon C.....Wichita, Kans.
 Pounds, Robert L.....Taylorville, Ill.
 Powers, Joe G.....Farmington, Mo.
 Precht, Lloyd P.....Kansas City, Mo.
 Prickett, Lloyd C.....Rolla, Mo.
 Quick, Thomas E.....St. Louis, Mo.
 Quinlan, Lawrence E.....St. Louis, Mo.
 Rabe, Harold E.....Anutt, Mo.
 Rafferty, James B.....St. Louis, Mo.



FIFTH ROW: MacZura, Kimble, Bennett, Wolfe, Stebbins, Schiemeyer, Schuster. FOURTH ROW: Baseler, Sandor, Stephens, Banks, Basford, Weinrich, Borberg, Stickle, Bryant. THIRD ROW: Longman, Iten, Anglada, Allison, Palmer, Zenik, Jones, Cobb, Foster. SECOND ROW: Meskan, Andre, Sweeney, Finegar, Ehrich, Keil, E. Laytham, Andrews, Martin, Greaves. FIRST ROW: Wood, Vaughn, Rogers, Kallaus, Wakefield, Siefkes, Cooley, Bailey, Sample, McCague, J. Laytham.

Rafferty, Raymond F.....St. Louis, Mo.
 Ray, Leonard L.....Wilson, Ark.
 Redmon, Stuart T.....St. Louis, Mo.
 Regan, Robert H.....White Stone, N. Y.
 Reschetz, Ray R.....Evanston, Ill.
 Ricchi, Frank L.....Oswego, N. Y.
 Rich, Charles R.....St. Louis, Mo.
 Richey, Clarence E.....Independence, Mo.
 Richter, Homer A.....St. Louis, Mo.
 Riley, John J.....Webster Groves, Mo.
 Rippe, Don M.....St. Louis, Mo.
 Robenalt, Donn S.....Ottawa, O.
 Robertson, John M.....St. Louis, Mo.
 Robinson, Paul D.....Wayne, N. Y.
 Rodolakis, Michael S.....Springfield, Mass.
 Rogers, Virgil L.....Kit Carson, Colo.
 Ross, Leroy E.....Concord, N. H.
 Roster, Edward L.....St. Clair, Mo.
 Rothweiler, Charles E.....St. Louis, Mo.
 Ruff, Kenneth J.....Waterloo, Ill.

Ruppert, Theodore A.....Afton, Mo.
 Sample, Sam S.....Webster Groves, Mo.
 Sanders, Connelly.....Tulsa, Okla.
 Sanders, Eugene F.....Webster Groves, Mo.
 Sanders, Robert P.....Levasy, Mo.
 Satterfield, Jewel W.....West Plains, Mo.
 Saviola, Hugo P.....Buffalo, N. Y.
 Schafer, Robert P.....Edwardsville, Ill.
 Schafersman, Roy L.....Boonville, Mo.
 Schiermeyer, Harry J.....Edwardsville, Ill.
 Schloemer, Thomas D.....Rolla, Mo.
 Schmedel, John H.....St. Louis, Mo.
 Schneider, Samuel J.....St. Louis, Mo.
 Schoepfel, Roger J.....Sparta, Ill.
 Schueler, William E.....Alton, Ill.
 Schuster, Fred E.....St. Louis, Mo.
 Schwaig, Robert H.....St. Louis, Mo.
 Sciuto, Joseph S.....St. Louis, Mo.
 Shaner, Donald G.....St. Louis, Mo.
 Sheehan, Maurice K.....Risco, Mo.

Siefkes, Kenneth L.....Hudson, Kans.
 Simpson, Richard G.....Kenmore, N. Y.
 Slavik, Marvin A.....St. Louis, Mo.
 Smith, Arthur C.....Oswego, N. Y.
 Smith, Donald L.....Murphysboro, Ill.
 Smith, Hugh F.....Palestine, Ill.
 Smith, Jack L.....Maplewood, Mo.
 Smith, Willard W.....Lancaster, O.
 Soehle, Richard G.....Edwardsville, Ill.
 Spencer, Donald W.....Vandalia, Ill.
 Stauder, Robert E.....St. Louis, Mo.
 Stebbins, Willard P.....St. Louis, Mo.
 Steele, David I.....West Plains, Mo.
 Steele, John O.....Jefferson City, Mo.
 Stegemeier, George L.....Woodriver, Ill.
 Stephens, Jay A.....St. Louis, Mo.
 Stevens, Don J.....Independence, Mo.
 Stevens, Richard H.....Niagara Falls, N. Y.
 Stewart, George E.....Flat River, Mo.
 Stickle, Dirck B.....Rhinebeck, N. Y.
 Stillwell, James A.....Sullivan, Mo.
 Stock, Marvin L.....Tebbetts, Mo.
 Stoecklin, George.....St. Louis, Mo.

Class, 1949

Stott, Merrill L.....Lebanon, Mo.	Vanfossen, David F.....East Alton, Ill.	Wilhelm, Herbert G.....St. Louis, Mo.
Stovall, Johnnie N.....Independence, Mo.	Van Well, George J.....Ferguson, Mo.	Wilhoit, Guy R.....Pierce City, Mo.
Sundermeier, Ralph H.....St. Charles, Mo.	Varga, William J.....Carteret, N. J.	Wilkes, James R.....Sardis, Miss.
Sutherland, Robert G.....Sparta, Wisc.	Varanouskas, Joseph P.....Brooklyn, N. Y.	Wilkey, Larry J.....Fairfax, S. Dak.
Sutton, Orval L.....Palmyra, Mo.	Vaughn, Eugene W.....St. Louis, Mo.	Will, David B.....Rolla, Mo.
Sweeney, James R.....Staunton, Ill.	Vienhage, Robert P.....Springfield, Mo.	Williams, Chester L.....Birch Tree, Mo.
Tarr, Clarence M.....Springfield, Ill.	Vigne, Albert.....Webster Groves, Mo.	Willmore, Lester E.....Fairfield, Ill.
Taylor, Cleo E.....Shipman, Ill.	Vrooman, John K.....Rolla, Mo.	Winchell, Jimmy.....Henderson, Ky.
Taylor, Harold J.....Maplewood, Mo.	Wagner, Louis J.....Hermann, Mo.	Wiseman, Stanley.....St. Louis, Mo.
Taylor, Robert W.....Maplewood, Mo.	Wahl, Ward B.....Longmeadows, Mass.	Wolfe, Jack D.....Queen Shoals, W. Va.
Tennant, Richard P.....St. Louis, Mo.	Wakefield, Roger E.....Webster Groves, Mo.	Wolfe, John A.....Pleasant Green, Mo.
Thompson, Jack H.....Normandy, Mo.	Walker, James K.....Overland, Mo.	Wong, Arthur S.....Brooklyn, N. Y.
Thompson, James M.....Aldan, Pa.	Watson, Robert E.....St. Louis, Mo.	Wong, Edward.....Brooklyn, N. Y.
Thrall, Dewell O.....Rolla, Mo.	Webb, Leland H.....Salem, Mo.	Wong, Howard Q.....New York, N. Y.
Tietjens, James.....St. Louis, Mo.	Webber, Philip P.....Kirbyville, Mo.	Wood, Robert D.....St. Louis, Mo.
Tiner, Richard F.....St. Louis, Mo.	Weinrich, Norbert G.....Alton, Ill.	Wood, William A.....Salem, Mo.
Traversone, Frank J.....New York, N. Y.	Weiss, Jack G.....St. Louis, Mo.	Wooldridge, William F.....Wooldridge, Mo.
Trew, Robert O.....University City, Mo.	Weiss, Ralph B.....New York, N. Y.	Yager, Orville T.....Rhinebeck, N. Y.
Tripp, Earl A.....Rolla, Mo.	West, Billy B.....Belleville, Ill.	Yorsten, Howard J.....Rolla, Mo.
Turnipseed, M. J.....Poteau, Okla.	West, Roger E.....St. Louis, Mo.	Zachritz, Walter B.....St. Louis, Mo.
Ulz, William C.....Gillespie, Ill.	Westover, Harold L.....Farmington, Mo.	Zedalis, John P.....Collinsville, Ill.
Unger, Walter H.....St. Louis, Mo.	Whitworth, Ray M.....Fredericktown, Mo.	Zenik, William J.....Granite City, Ill.
Vance, James F.....Midland Park, N. J.	Wickey, Bob O.....St. Louis, Mo.	Zvanut, William H.....St. Louis, Mo.



THIRD ROW: Forck, Lentz, Zedalis, Willmore, Stovall, J. Johnson, Cox, Doerr, R. Johnson. SECOND ROW: Ackman, Crane, England, Hewett, Layman, Van Well, Hutson, Shaner. FIRST ROW: Helton, McIntyre, Hausman, Leigh, Will, Clarke, Lehr, Holcomb.

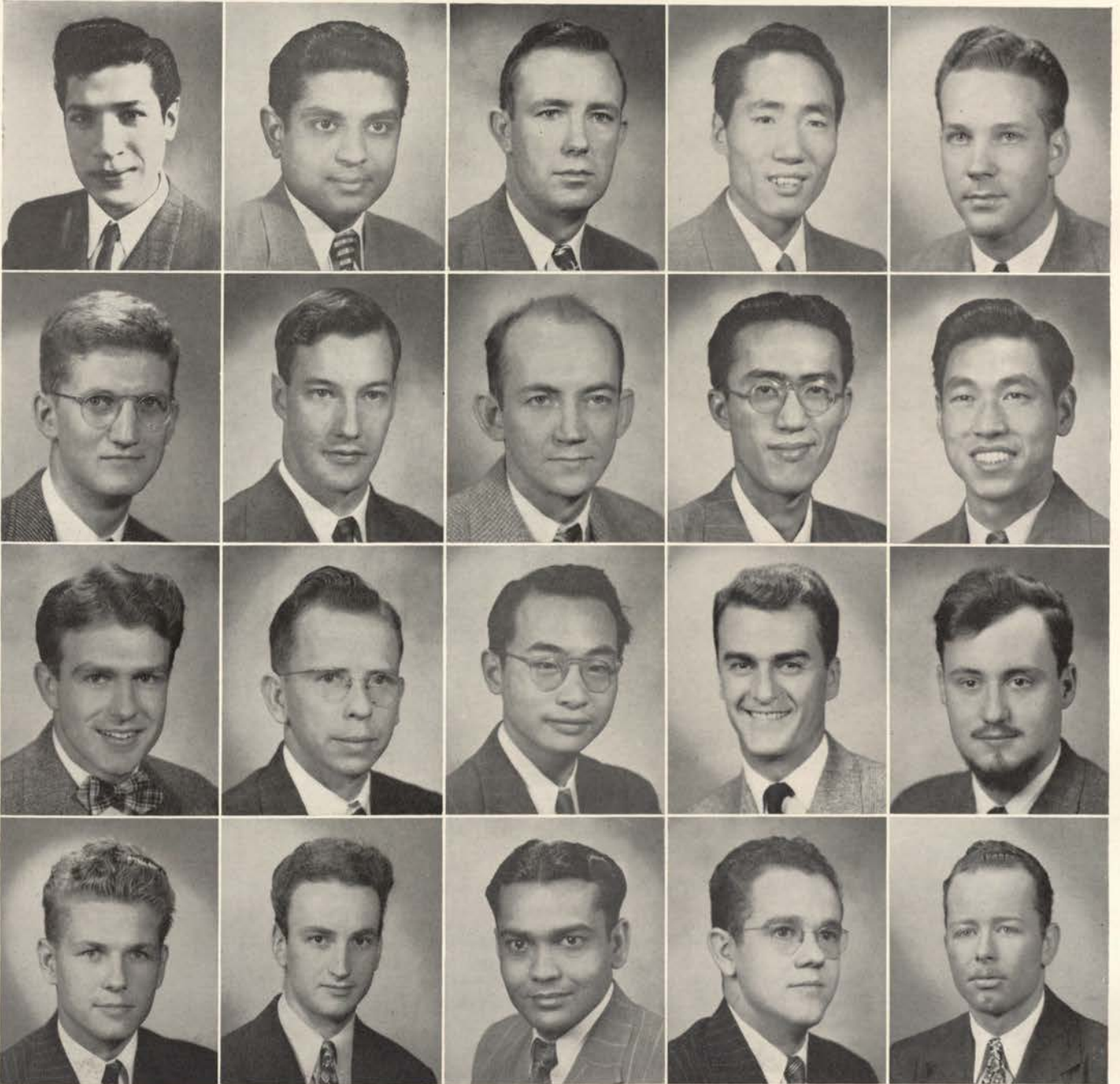
FRESHMEN ENTERING IN FEBRUARY

Barton, L.....Oregon, Mo.	Freebersyser, G.....St. Louis, Mo.	McMasters, R.....St. Louis, Mo.
Bloess, J.....South Ozone Park, N. Y.	Gomez, A.....Bogota, Colombia	Madison, R.....Crystal City, Mo.
Boyasko, W.....Brooklyn, N. Y.	Gray, R.....Overland, Mo.	Metallo, R.....Paterson, N. J.
Cordell, N.....Clay City, Ill.	Gross, R.....Quincy, Ill.	Nelson, W.....Nebo, Mo.
Cotrufo, C.....New York City, N. Y.	Halterman, U.....St. Louis, Mo.	Nicholson, L.....St. Louis, Mo.
Crawley, W.....St. Louis, Mo.	Hargraves, C.....Cuello, Ill.	Phelps, R.....Binghampton, N. Y.
Crowell, H.....Shell Lake, Wisc.	Harper, W.....Malvern, Ark.	Ramirez, M.....Bogota, Colombia
DeMier, W.....Leadwood, Mo.	Hillman, H.....Vallejo, Calif.	Schlesing, D.....Lemay, Mo.
Dickerman, J.....St. Louis, Mo.	Hubberd, R.....Rolla, Mo.	Shook, N.....Maywood, Calif.
Dodd, M.....Stockton, Mo.	Huff, F.....St. Louis, Mo.	Smith, J.....St. Louis, Mo.
Duncan, D.....Cantwell, Mo.	Huse, H.....St. Joseph, Mo.	Snyder, W.....Covington, Tenn.
Eubanks, R.....Rolla, Mo.	Jolly, J.....Rolla, Mo.	Stites, W.....Edgar Springs, Mo.
Eavans, P.....Cape Girardeau, Mo.	Kinnan, R.....Carmi, Ill.	Suelman, R.....St. Louis, Mo.
Fiedler, A.....Paterson, N. J.	Koederitz, T.....St. Louis, Mo.	Thompson, J.....St. Louis, Mo.
Fiola, D.....Alton, Ill.	Kummer, F.....Woodside, L. I., N. Y.	Wadlow.....Flat River, Mo.
Fletcher, H.....North Bergen, N. J.	Land, J.....Kirkwood, Mo.	Workman, R.....Morrestown, N. J.

Graduate Students

Adams, C. L.....	Rolla, Mo.	Fang, C. C.....	Auking, China	Planje, T. J. M.....	Rolla, Mo.
Aka, E.....	Ankara, Turkey	Fesler, V. R.....	Newburg, Mo.	Rapp, R. N.....	Rolla, Mo.
Annin, C. G.....	Bombay, India	Frank, K. H.....	St. Louis, Mo.	Reed, C. O.....	Troy, Ill.
Anthony, P. L.....	Rolla, Mo.	Gill, C. B.....	Sudbury, Ontario, Canada	Reynolds, J. E.....	Rolla, Mo.
Aubuchin, E. L.....	Bonne Terre, Mo.	Hagan, B. W.....	Rolla, Mo.	Rice, C. M.....	Rolla, Mo.
Banks, H. O.....	Rolla, Mo.	Heartz, F. R.....	Rolla, Mo.	Rigo, H. S.....	Rolla, Mo.
Barcroft, J. R.....	Rolla, Mo.	Heidberger, W. G.....	New Haven, Mo.	Rittenhouse, J. W.....	Rolla, Mo.
Barton, J. R.....	Wellsville, Mo.	Hofstaedter, G. F.....	Philadelphia, Pa.	Roehl, E. R.....	Rolla, Mo.
Basile, R. E.....	Rolla, Mo.	Hogan, W. S.....	West Plains, Mo.	Rous, W. C.....	Rolla, Mo.
Becker, A. A.....	Rolla, Mo.	Holland, C. R.....	Rolla, Mo.	Roberts, J. K.....	Rolla, Mo.
Berry, J. T.....	Rolla, Mo.	Hsiao, C. M.....	Fanghwang, China	Russell, P. N.....	Rolla, Mo.
Bonnel, C. R.....	Rolla, Mo.	Hsu, S. S.....	China	Sarapuu, E.....	Hiiumaa, Estonia
Brand, G. E.....	Steeleville, Ill.	Hudgens, E. W.....	Newburg, Mo.	Savu, A. R.....	St. Louis, Mo.
Brassfield, H. C.....	Wichita, Kans.	Hyatt, E. P.....	Joliet, Ill.	Schaefer, P. F.....	Joplin, Mo.
Breton, E. J.....	Rolla, Mo.	Hughes, E. L.....	Joplin, Mo.	Schaefer, R. A.....	St. Charles, Mo.
Breuer, D. W.....	Rolla, Mo.	Johnson, S. F.....	Bonne Terre, Mo.	Schowalter, R. E.....	St. Louis, Mo.
Bruzewski, R. F.....	Rolla, Mo.	Keating, K. L.....	Rolla, Mo.	Schwartz, E. N.....	Rolla, Mo.
Burger, J. M.....	Rolla, Mo.	Kelso, C. R.....	Macks Creek, Mo.	Scofield, G. L.....	Rolla, Mo.
Burke, T. H.....	Rolla, Mo.	Kerr, R. H.....	Rolla, Mo.	Senna, J. H.....	Rolla, Mo.
Chandler, E. M.....	St. James, Mo.	Kimmick, E. J.....	Cleveland, O.	Shah, C. C.....	Rolla, Mo.
Chaney, J. B.....	Malvern, Ark.	Knopp, C. R.....	Hannibal, Mo.	Shin, C. H.....	Peiping, China
Chang, W. K.....	Kaoling, China	Lacke, J. P.....	Cuba City, Wisc.	Simpkin, W. E.....	Hannibal, Mo.
Chase, E. C.....	Rolla, Mo.	Langford, H. G.....	Lebanon, Mo.	Skiles, J. J.....	St. Louis, Mo.
Chen, P. C.....	Peiping, China	Lavala, W. J.....	Rolla, Mo.	Skitek, G. G.....	Rolla, Mo.
Chubb, W.....	St. Louis, Mo.	Lee, R. E.....	Rolla, Mo.	Snell, R. I.....	Rolla, Mo.
Cizek, F. J.....	Rolla, Mo.	Lee, T. C.....	Pucheng, China	Speece, W. E.....	Rolla, Mo.
Claunch, T. C.....	Rolla, Mo.	Liu, T. S.....	Hankow, China	Thomasson, E. M.....	Mounds, Ill.
Clous, C. W.....	Cuba, Mo.	McCarthy, J. F.....	Rolla, Mo.	Thune, H. W.....	Rolla, Mo.
Culson, C. M.....	Nancy, France	McNeal, R. P.....	Rolla, Mo.	Tindall, R. F.....	St. Joseph, Mo.
Crosby, H. A.....	Lincoln, Mo.	Mann, H. T.....	Rolla, Mo.	Van Nostrand, R. G.....	Rolla, Mo.
DasGupta, S. C.....	West Bengal, India	Meiu, I. Y.....	Kumming, China	Vigier, G. J.....	Wittelsheim, France
Davis, C.M.....	Rolla, Mo.	Morlock, R. F.....	St. Joseph, Mo.	Webster, C. C.....	Rolla, Mo.
Davidson, R. F.....	Rolla, Mo.	Mornin, B. L.....	Herrin, Ill.	Wegener, W. F.....	Marthasville, Mo.
Davis, R.....	Rolla, Mo.	Morris, T. M.....	Rolla, Mo.	Weitzel, D. H.....	Rolla, Mo.
Dean, D. L.....	Warrenton, Mo.	Mueller, J. I.....	Rolla, Mo.	West, E. B.....	Rolla, Mo.
Deso, W. H.....	Essey, N. Y.	Muir, C. D.....	Rolla, Mo.	Whenger, J. R.....	Huntington, W. Va.
Doctor, G. F.....	Bombay, India	Mukherji, S. N.....	PoSallicia, India	Whittfield, T. H.....	Birmingham, Ala.
Doelling, R. F.....	St. Louis, Mo.	Murrel, J. R.....	West Plains, Mo.	Winston, J. S.....	Rolla, Mo.
Duba, J. G.....	Rolla, Mo.	Nackowski, M. R.....	Rolla, Mo.	Withrow, H. J.....	Doniphan, Mo.
Elmore, C. H.....	Springfield, Mo.	Nelson, H. P.....	Rolla, Mo.	Woodle, R. G.....	Springfield, Mo.
Evans, M. B.....	Springfield, Mo.	Nevin, F. E.....	Rolla, Mo.	Wu, Pao Z.....	China
Fahien, R. W.....	Warrenton, Mo.	Padmanabhan, S.....	Anandavikatan, India	Young, C.....	Rolla, Mo.

Graduate Students



Aka
Chubb
Keating
Rous

Amin
Gill
Kelso
Savu

Brassfield
Hagar
Liu
Shah

Fang
Hsiao
McCarthy
West

Chaney
Hsu
Rolaff
Zwierzchowski



A T H L E T I C S A T

The athletic teams throughout the year have endeavored to bring glory and honor to our campus. In victory or defeat they have shown true Miner spirit and sportsmanship. M. S. M. thereby develops men as well as engineers, which is in keeping with the finest traditions of our college.



M . S . M .



Jackling Gym
M. S. M. Athletic Headquarters

Athletic Department

In helping to complete the education of the engineer, the athletic department here at M.S.M. has done a splendid job. Under its guidance and supervision, a well-organized athletic program has been instituted providing for the welfare of all the students. In addition to its sponsorship of varsity athletics, this department directs an intramural program as well as a course in physical education.

Departmental head is coach Gale Bullman; it is under his supervision that the football and track teams materialize. He is aided in this capacity by Dwight Hafeli, Chester Barnard, and Bill Speece. This will be Coach Hafeli's last year as head basketball coach. He is leaving the school to manage a private business concern. His absence in the athletic department will be sadly felt at M.S.M.

Throughout the year, Miner varsity aspirants have kept pace with the best that the Missouri Intercollegiate Athletic Association has had to offer. Under the capable direction of Coach Steinmeyer of the Humanities Department, the M.S.M. golf squad gained second place in the conference. Coach Barnard's swimming team enjoyed its most successful season in years, while the track and tennis teams also fought for the top of the M.I.A.A. conference.

In addition to these varsity sports, the ath-



GALE BULLMAN
Department Chairman
Instructor in Physical Education, 1937.
A.B. 1925, West Virginia Wesleyan;
LL.B. 1929, Washington.

letic department sponsors a well-rounded intramural program designed to serve the whole student body. It includes touch football, table tennis, cross-country track, swimming, basketball, volleyball, rifle, boxing, wrestling, softball, horseshoes, track, tennis, and golf.

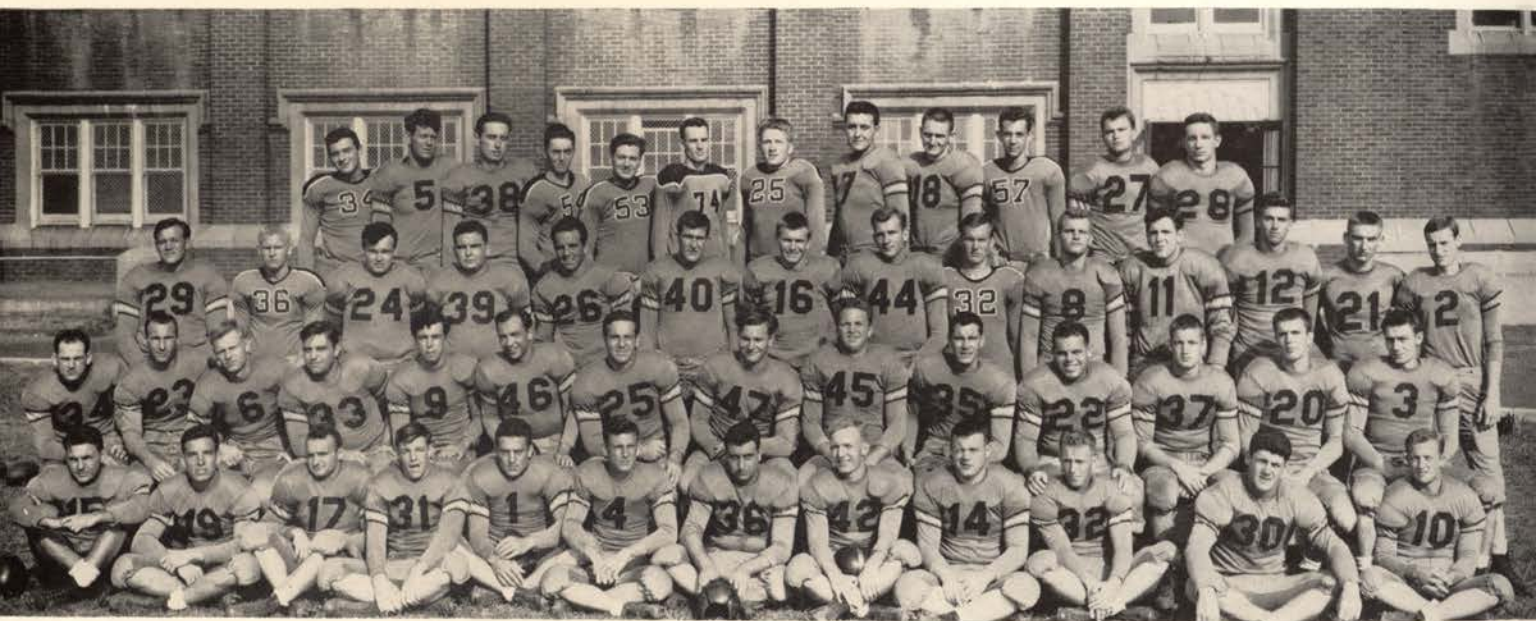


DWIGHT L. HAFELI
Instructor in Physical Education, 1942.
B.S. 1937, Washington University.



CHESTER S. BARNARD
Instructor in Physical Education, 1946.
B.S. 1921, Southwest Missouri State Teachers College;
M.S. 1940, West Virginia University.

Football Season



FOURTH ROW: Moscari, Cox, Sexton, Brown, Dempsey, Warner, Lodwick, Shourd, Teas, Maurer, Kennedy, Theiss. THIRD ROW: Steele, Matson, Davis, Weinel, Anderson, McGrath, Duerr, Kimball, Kruger, Heitman, Harter, Rausch, Huifman, Henson. SECOND ROW: Kemper, Whitney, Kwadas, Petska, Penotti, Duke, Bock, Eckert, Svejkosky, Dowling, Chew, Wohler, Tschannen, Reichelt. FIRST ROW: Hoehn, Blanke, Roerman, Coolbaugh, Meyer, Williams, Gammon, Schmidt, Wilson, Hession, Beverage, Dougherty.

Though facing its toughest schedule in recent years, the M.S.M. football squad of 1948 performed admirably. Running from a well-blanced T-formation, the Miner backfield was sparked by two All-Conference backs. Coupled with a fine array of hard-hitting linemen, the Miners seemed destined for a great season. Plagued by injuries and several tied games,

however, the Miners were forced to relinquish their M.I.A.A. championship to a powerful Springfield eleven. The final record of four wins, three losses, and two ties seemed to present an inadequate picture of Miner might.

MINERS 6, Memphis State 0

The first game of the season found the Miners avenging last year's defeat at the hands of the Tigers of Memphis State in the upset of the year. Though rated as one of the best teams ever to visit the School of Mines, the Tigers were held to a virtual standstill by the powerful running and passing attack presented by the Miners. Guard Bill Chew and end Bill Teas performed their usual stellar game in deciding the Miner victory.

Washington University 19, MINERS 7

In the revival of the 22-year-old series with the Washington University Bears, the Miners faced their first defeat at the hands of a powerful ground attack. After a weak first half marked by fumbles, the Miners retaliated and consistently carried the ball deep into Bruin territory. Climaxing a last quarter drive sparked by the brilliant passing of Bob Kemper, the Miners drove across the double stripe for their only score.

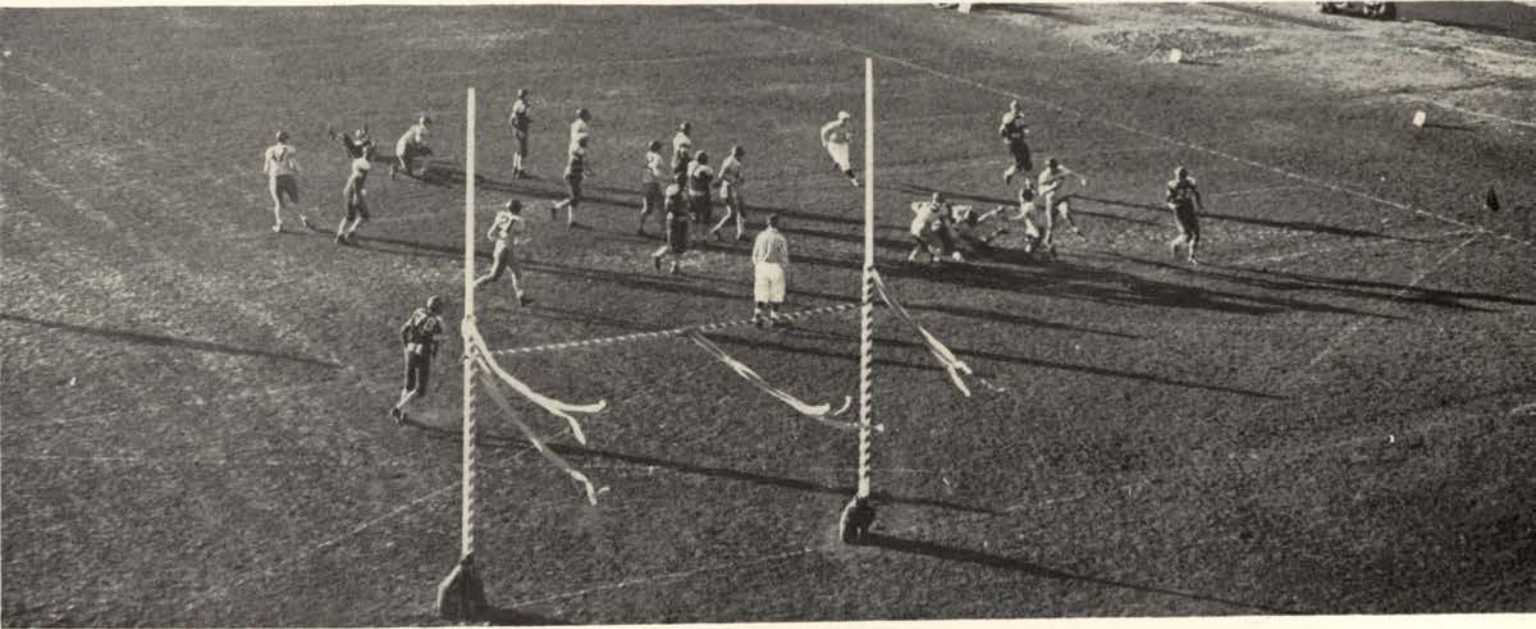
MINERS 22, Shurtleff 13

Led by "Big Jim" McGrath, the Miners easily outclassed the Pioneers to jump back into the win column. Coach Gale Bullman made liberal



Coach Bullman, field general.

Forty-Eight



Hold that line!

use of his capable reserves who were instrumental in piling up the Miner point total. The significant outcome of the game pointed to the potential ground attack of the Miner eleven.

MINERS 18, Warrensburg 0

In registering a significant shutout against their first conference foes, the Warrensburg Mules, the Miners presented advance warning as to their potential might in their defense of the M.I.A.A. crown. Sparked by the brilliant offensive attack of co-captains Jim McGrath and Bob Kemper, the Miners presented an invulnerable scoring touch. This together with the alert defensive play of linemen Luther Steele and Gene Kennedy easily clinched the Warrensburg defeat.

PARENTS' DAY

MINERS 24, Maryville 6

At the expense of the Bearcats, the Miners copped the lead in the M.I.A.A. race. A rain-soaked field resulted in a seesaw battle the first half with neither side inflicting any serious damage. The second half opened, however, with a vicious Engineers' attack, led by backs Whitney, Reichelt, Kwadas, and McGrath. A total of 405 yards and 17 first downs was amassed in the victory.

HOMECOMING

Springfield 18, MINERS 0

Playing in a virtual quagmire, the favored Miners were dealt their only conference loss

of the 1948 season by the well-balanced S.M.S. Bears. Completely outplayed and plagued by fumbles, the Miners saw every virtual scoring opportunity fall short of the mark. Defensive standout of the game was tackle Bob Weinel. In spite of the inclement weather, "Lefty" Bob Kemper threw several ground-gaining passes that kept the Miners in the game.



Co-captains McGrath and Kemper.



Meyer



Henson



Reichelt



Williams



Cox

Varsity Football



Anderson

MINERS 7, Cape Girardeau 7

In playing their third consecutive game on muddy turf, the Miners vied for yardage and were forced to accept a tie in a hard-fought struggle. Showing his usual stellar form, Jim McGrath proved his versatility and right to his second All-Conference berth. Early in the second half, "Big Jim" crashed over for the marker and then added the all important extra point. Al Svejkosky, at tackle, was the star of the Miner line.

MINERS 14, Kirksville 14

Battling the Kirksville Bulldogs to a standstill, the Miners seemed to lack the winning drive. A persistent Bulldog attack kept the Miners on the defensive for the greater portion of the game. Thanks to a safety early in the first quarter and a spectacular 95-yard run by freshman Gene Huffman, the Miners came from behind to keep the wolf pack from the door.

St. Louis University 19, MINERS 7

Determined to avenge last year's defeat, the Miners returned to their early season form and very nearly upset the highly touted St.L.U. Billikens. More than once, the Billikens had their backs to the wall and it looked as if the Miners were going to do the impossible. The M.S.M.

Rausch

McCord

Hoehn

Duerr

Roerman





Kwadas

Shourd

Penotti

Dougherty

Harter

pass defense appeared weak, however, and the Billikens managed to account for three touchdowns via the air. Once again it was McGrath who accounted for the only Miners points of the day.

Varsity Football

FINAL M.I.A.A. STANDING

Team	Won	Lost	Tied	Pct.
Springfield	4	1	0	.800
Maryville	4	1	0	.800
MINERS	2	1	2	.571
Kirksville	2	2	1	.500
Cape	0	3	2	.286
Warrensburg	0	4	1	.167

SEASON'S RESULTS

MINERS	6	Memphis State	0
MINERS	7	Washington U	19
MINERS	22	Shurtleff	13
MINERS	18	Warrensburg	0
MINERS	24	Maryville	6
MINERS	0	Springfield	18
MINERS	7	Cape Girardeau	7
MINERS	14	Kirksville	14
MINERS	7	St. Louis U.....	19



Cox

Teas

Blanke

Tschannen

Huffman

Chew





Whitney



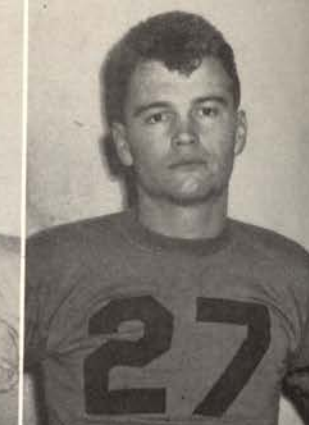
Davis



Bock



Anderson



Kennedy

Varsity Football



Kemper

MONTE McCORD—Monte's persistent kicking kept the Miners out of the red all season.

ED KWADAS—A consistent ground gainer, Ed has the possibilities of a great ball carrier.

BOB REICHEL—Bob's bullet passing and quarterback sneaks have pulled the team from many a hole.

EARL HOEHN—Hard-fighting Earl leaves the team with four years of great punting and running to his credit.

BILL TEAS—A second year All-Conference selection, Bill is a graduating senior with glue on his fingers and water in his veins.

DUDLEY BLANCHE—Dudley leaves the team this year to do some roustabouting in Texas. The team will miss him.

GENE HUFFMAN—Freshman star of the year, Gene will probably be the leading ground gainer of '49.

BILL CHEW—Bill, an All-Conference selection, is known for his down field blocking.

DICK WHITNEY—Although small in stature, "Whit" is tops in defensive play. He will co-captain next year's team.

ROBERT DAVIS—Bob was a steady player in the line all season long.

GEORGE BOCK—George is a firm believer in being an eager beaver in scrimmage.

GENE KENNEDY—Already proving himself as a proficient pass receiver, Gene is sure to do honor for himself in the future.

JACK THEISS—A scrappy guard, Jack will undoubtedly be a mainstay for the next two years.

LUTHER STEELE—An outstanding tackle and a second year All-Conference man, Luther's pleasant disposition will be missed from the Jackling locker room.

LELAND BEVERAGE—Leland, a firm believer in conditioning, was an aggressive lineman this year.

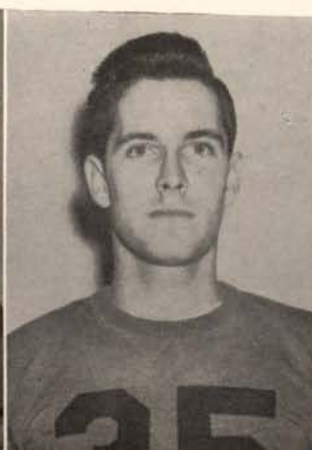
Kemper

Dowling

Gammon

Wohlert

Weinel

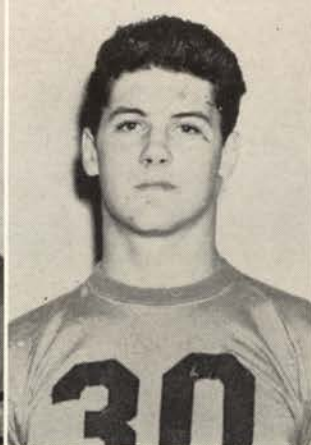




Theiss



Steele



Beverage



Coolbaugh



Petska

Varsity Football

BILL COOLBAUGH—Bill will see a lot of action next year.

AL PETSKA—A key man in the center of the line on both offense and defense, Al's specialty is running guard.

BOB KEMPER—Rolla's All-Conference quarterback has guided the team through many rough spots by his fine signal calling.

DON DOWLING—Don is a capable back who will carry the brunt of the attack next year.

BILL WOHLERT—A speedy and elusive fullback, Bill had one of the best yards-gained averages.

BOB WEINEL—A defensive mainstay, Bob held down the tackle position.

JIM McGRATH—A great back and All-Conference fullback for two years, "Big Jim's" shoes are going to be hard to fill next year.

HARLAN MEYER—"Spider" has three years of ball behind him and his experience will be valuable to the team.

JACK COX—Jack was a line backer deluxe as well as first string center.

ROY SHOURED—Next year's co-captain, "Bear-Tracks" may not be the biggest tackle in the conference but undoubtedly he is the roughest.

SID DUERR—A reliable man to have at end, Sid will be back for another season next year.

DICK ROEMERMAN—Dick is an outstanding sophomore guard who has and will see plenty of action for M.S.M.

ALDEN WILLIAMS—Williams is a reserve quarterback who can handle the reins in any situation.

BILL GAMMON—Bill was injured early in the season and his aggressive play was sadly missed by the team.

AL SVEJKOSKY—One of the outstanding linemen of the year, Al has the punch the team needs.

FRED ECKERT—A good end, Fred showed plenty of fight and determination.



Eckert

McGrath

Schmidt

Jorcke

Svejkosky

Eckert





Hoehn sprints around end.



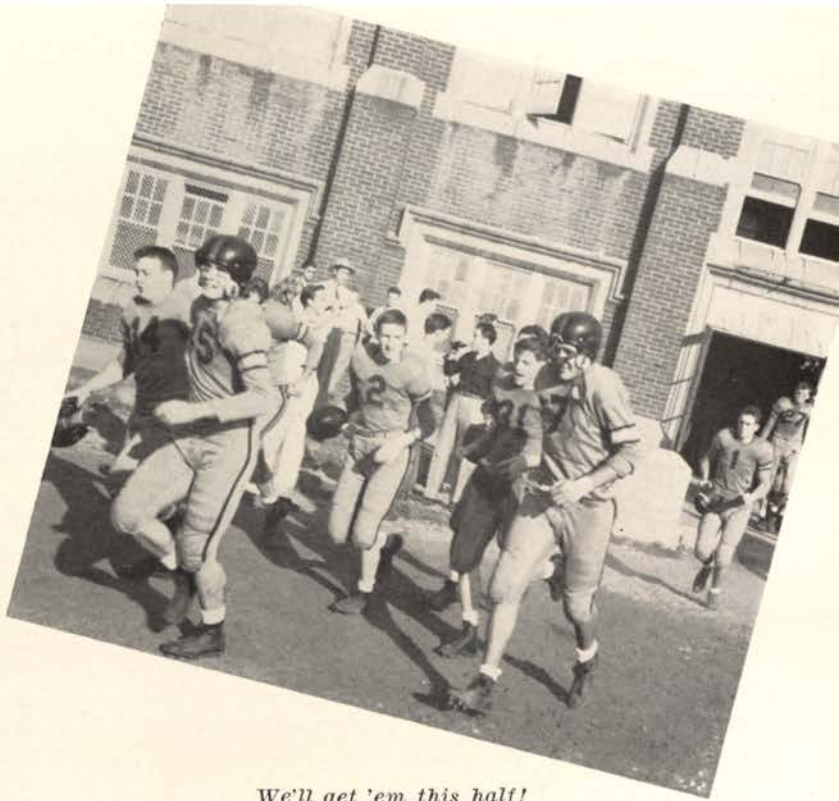
Gotcha!



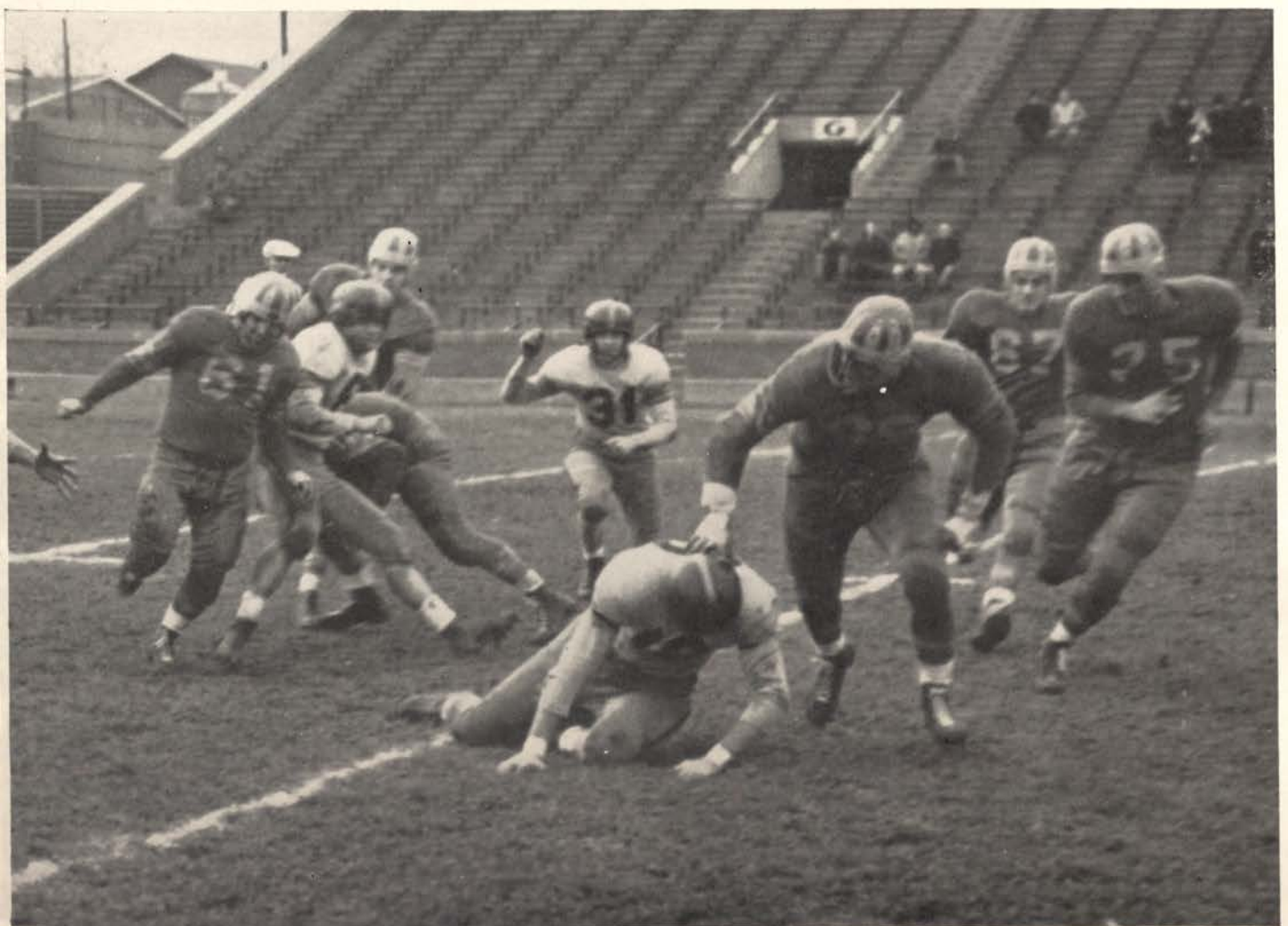
Football



The Ballet Russe.



We'll get 'em this half!



No hole here.

Varsity



Hopeful glances.

Apparently having the same difficulty that has plagued the Miners in past seasons, the 1948-1949 basketball squad consistently found difficulty in chalking up vital wins away from the home court. The M.S.M. athletes played consistently good ball, but too often wound up on the short side of the close games. Though dropping back into the cellar this year, the Miners offered stiff competition to the best in the M.I.A.A. conference. The over-all scoring average showed the opposition only four points better than the engineers.

Mid-season injuries to two players on the starting lineup contributed to a not too impressive season's record. In spite of this record, however, the Miners showed the M.S.M. students a good brand of basketball. Led by Bob Perry, star center, and a host of scrappy ball-handlers, the M.S.M. cagers showed magnificent determination and spirit. In completing the season with a record of five wins and fifteen losses, the Miners won only one game on



Send me in coach!

Basketball

the road, many being lost by narrow margins. The atmosphere of the home gym seemed to give the squad the added impetus to win.

One of the closest games of the year was against Springfield, the conference leader, at Jackling Gym. Trailing at halftime by a substantial margin, the Miners rallied and came within four points of upsetting the champions. Bob Perry poured in 30 points for top honors and Pete Perino was second with 15.

The bulk of the playing assignments was handled by Bill Roark, Pete Perino, Bob Perry, Bob Faulkner, and Gene Huffman. The capable reserves included Norm Niederstadt, Ralph Baker, Cletus Voiles, and Joe Powell.

The M.S.M. squad will lose the services of Bob Perry, Bill Roark, and Norm Niederstadt next year, but with the greatest part of the team returning, the Miners may hit the winning stride.



Huffman



Perry



TOP ROW: Bilyeu, Bruskotter, Huffman, Edwards. SECOND ROW: Voiles, Roark, Faulkner, Powell, Taylor, Perino. FIRST ROW: Henson, Hughes, Captain Bob Perry, Neiderstadt, Baker.

Varsity



Up like a bird!

1948-49 Basketball Season Individual Records

NAME	Games	FGA	FGM	FTA	FTM	PF	TP	Avg.
Perry	17	267	99	91	70	40	268	15.75
Perino	20	164	66	60	38	51	170	8:50
Roark	20	147	56	47	28	77	140	7.00
Huffman	18	148	48	58	28	48	124	6.95
Faulkner	17	93	40	54	34	39	114	6.71
Neiderstadt	20	132	40	38	24	40	104	5.20
Voiles	18	96	34	31	15	56	83	4.55
Baker	16	42	13	13	5	6	31	1.94
Henson	5	16	8	4	4	2	20	4.00
Powell	13	15	3	6	2	10	8	0.62
Hughes	5	20	3	1	0	9	6	1.20
Bilyeu	4	4	1	2	2	1	4	1.00
Edwards	6	4	0	5	3	6	3	0.50
Bruskotter	41	4	1	0	0	1	2	0.50
	20	1152	412	410	253	386	1077	53.85

FINAL M.I.A.A. STANDING

	Won	Lost	Pct.
Springfield	9	1	.900
Warrensburg	7	3	.700
Kirksville	6	4	.600
Cape Girardeau	5	5	.500
Maryville	3	7	.300
MINERS	0	10	.000

Roark

Neiderstadt

Voiles

Hughes

Perino



Basketball

SEASON'S RESULTS

Varsity

MINERS	48	Harris Teachers	55
MINERS	57	Drury	65
MINERS	65	Shurtleff	66
MINERS	54	Westminster	46
MINERS	48	Westminster	46
MINERS	60	Principia	51
MINERS	82	Scott Field	35
MINERS	45	Cape Girardeau	62
MINERS	41	Washington University....	49
MINERS	65	Drury	45
MINERS	58	Maryville	71
MINERS	49	Kirksville	60
MINERS	55	Warrensburg	70
MINERS	35	Springfield	57
MINERS	54	Warrensburg	56
MINERS	55	Cape Girardeau	60
MINERS	38	Washington University....	67
MINERS	66	Springfield	70
MINERS	55	Maryville	67
MINERS	47	Kirksville	63

1077

1161



Action against the Bears.

Powell

Baker

Henson

Bilyeu

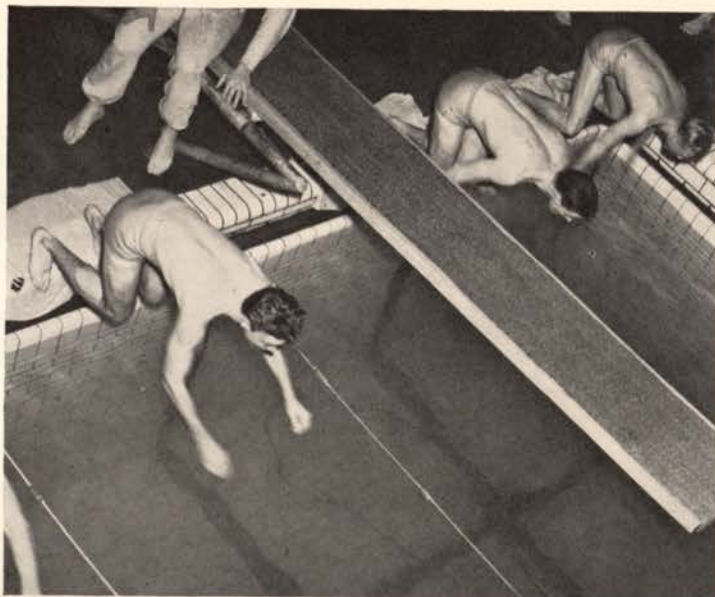
Faulkner





TOP ROW: Williams, Breidert, Coach Barnard, Ashley, Milburn. SECOND ROW: Knoebel, Merritt, Smith, Schmidt, Marquis, Morse. FRONT ROW: Brown, Aegerter, Maltzahn, Vcse, Pounds, Thielker.

Varsity Swimming



Who took the water out of my lane?

The 1949 M.S.M. swimming team, under the capable guidance of Coach Barnard, enjoyed its most successful season in years. Facing some of the toughest teams in this area, the Miners piled up a record of six consecutive victories before falling to St. Louis U., 38-37. The Miners had previously defeated this same squad in the first meet of the year. During the course of the season, the M.S.M. swimmers set six new records.

Coach Barnard's team traveled to St. Louis for the first meet, where they decisively defeated the previously undefeated Billikens, 47-28. The 300-yard medley relay team composed of Breidert, Williams, and Pounds splashed home to gather first place. Williams and Breidert

Swimming

followed with firsts in the 200-yard breaststroke and 150-yard backstroke respectively.

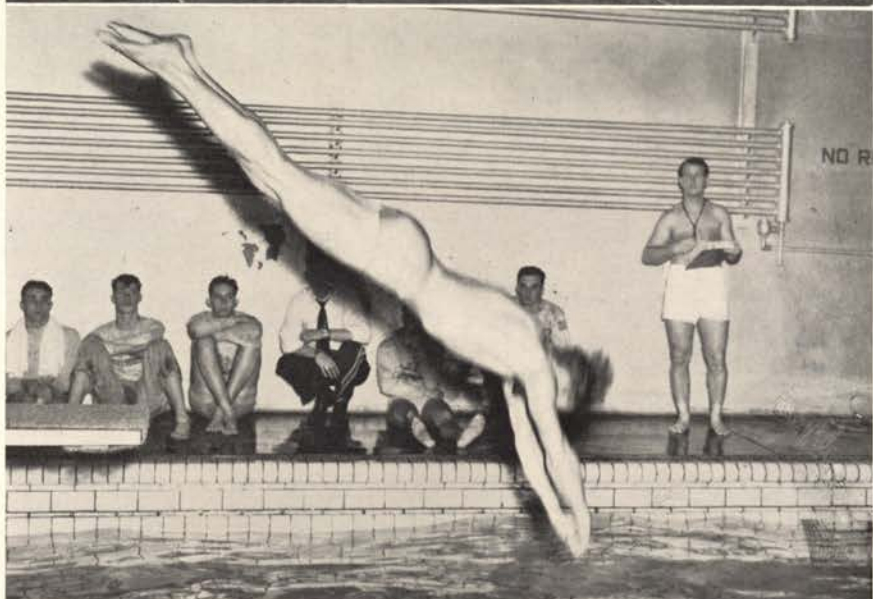
The next victory was a 60-15 clincher over Murray College of Kentucky. With the medley team setting a new pool record, the Miners grabbed first place in every event. In a return meet at M.S.M., the Kentucky Teachers were again defeated by a substantial margin. The Miner freestyle relay team clipped twenty seconds off the pool record with a time of 4:15.8.

Continuing in their winning ways, the M.S.M. boys rolled over Wentworth Military Academy, 60-6, gathering first and second place in every event and shattering three records. Keeping in stride, the Miners journeyed to Wentworth and emerged with a 57-8 win.

Washington University was the next victim in a dual meet held in St. Louis. The 42-33 score is indicative of the well-matched teams. The closest meet of the year was the return engagement with St. Louis University in Jackling Gym. The Miners lost this match, 38-37. Leland Beverage, freshman star, set a new pool record in the 220-yard freestyle.

Mainstays of the team throughout the year were Ray Williams, Elmer Breidert, Ivor Pounds, Paul Aegerter, Leland Beverage, and Bill Vose.

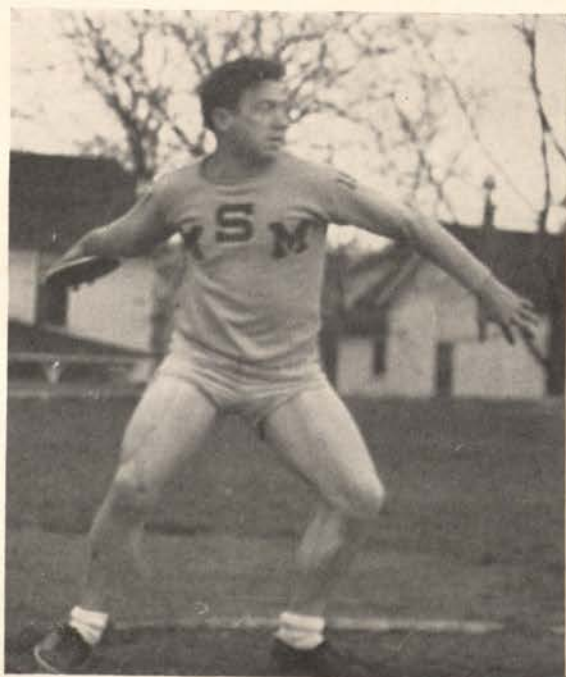
*The relay's relay.
I hope it's warm.
They're off!*





TOP ROW: Ramey, Ward, Smith, Perino, Reeves, Watts. SECOND ROW: Cox, Turner, Young, Maag, Mahan, Shaffer. FRONT ROW: Bock, Tothill, Hammond, Harrawood, Kirk, Brewer.

Varsity Track



Bock winds up.

The Miner 1948 track squad was one of the best since the entrance of M.S.M. into the M.I.A.A. Conference. With persistent regularity, the cindermen returned with the laurels. An unusually large schedule enabled the Miners to make an impressive record.

In an indoor M.I.A.A. meet held at Columbia, the Miners emerged victorious for the first time in M.I.A.A. history. Dave Ward set the pace with firsts in the broad jump and high hurdles. Also contributing to the Miner victory were Don Smith, who broke the tape on the two-mile jaunt, and George Bock, who set a new M.S.M. record of 43' 7¼" with the shot.

A dual meet with Springfield found the Miners being forced to accept a 66 to 66 tie. Bill Kirk was high scorer with 13 points. Swinging back into the winning stride, the Miners easily overwhelmed Westminster, 81 to 50. The Miners lost the next contest, a triangular meet with Cape and Washington U. Don Smith walked off with first honors in the mile and two-mile runs.

In the three succeeding dual meets, the silver and gold tracksters really stepped into high

Track



The Greek god.



Nice form, Shorty!

gear, winning all three by substantial margins. Drury and Shurtleff College both fell before a terrific onslaught by the scores of $111 \frac{1}{3}$ to $24 \frac{2}{3}$ and $106 \frac{1}{2}$ to $22 \frac{1}{2}$. The next victim was St. Louis U., which the Miner thinclads defeated, 90 to 41.

The Miners were well primed for the M.I.A.A. outdoor conference meet held at Maryville on May 14. However, by the narrow margin of one-half point, the M.S.M. tracksters were squeezed out of first place by the Cape Girardeau Indians. High point man for the meet was Bill Kirk with 13. Hal Corbin set a new M.S.M. high hurdles record of 15.9 seconds. Kirk continued the record breaking with a 10.0-second 100-yard dash while Smith set the pace in winning the two-mile run.

Consistent winner and high point man for the season was Bill Kirk with $86 \frac{1}{4}$ points. He was closely followed by Don Smith with 72 and George Bock with 61 points. Dave Ward also helped add to the point total.



Up and over.

Cross Country Track



The endurance boys.

The varsity cross country team, beginning its second year, ended a short but successful season against Washington University on their 2.8-mile course in St. Louis on November 13. Miner distance star Don Smith succeeded in breaking the course record of 15 minutes set in 1947 with a time of 14:42. Smith was the second man across the finish line, however, as Ratcliff of Washington nosed him out to set a new record of 14:36. Other Miners placing were Shaffer, 8th; Sanders, 10th; Maag, 12th; Heetfield, and Tothill. Washington won the meet by a score of 19-43.

On November 6, Smith was again defeated

by Ratcliff in the final sprint in a dual meet on the M.S.M. golf course. The winning time was 14.24 while Smith crossed the finish line in 14:35 for the 2.5-mile course. The Miners lost this meet by a score of 36-21.

Those earning letters in the 1948 season were Don Smith, Bob Shaffer, Bob Sanders, and Ray Maag. A word of praise should be given to team captain and coach Charley Tothill, who handled the training program and arranged the meets. As Tothill is the only graduating senior, the rest of the squad will return next year as a formidable nucleus for a successful season.



Shaffer, Sanders, Tothill, Smith, Maag.

Varsity Tennis

The 1948 tennis season opened at Springfield, where the Miners met a 4 to 2 setback. However, the M.S.M. team quickly rebounded from this initial defeat with three straight victories.

Westminister was easily taken care of in a fine display of tennis by a 6 to 0 score. The defeats of Drury and Cape followed in quick succession with scores of 6 to 1 and 5 to 2. In the M.I.A.A. conference meet the Miners placed second to Springfield.



TOP ROW: Juenger, Williams, Rice. FRONT ROW: Ross, Axsom.

Varsity Golf

The 1948 version of the M.S.M. golf team, under the direction of Coach John Steinmeyer, enjoyed a highly successful season. With all lettermen except Denny McColgin returning this spring, the Miner team gives promise of improving last year's record of three victories and three losses.

The M.S.M. golfers opened the season with an 18 to 0 victory over Springfield.

The next four matches were split evenly, win-

ning two at home and dropping two away. In the final match, the Miners met defeat at the hands of Shurtleff College, 9½ to 8½.

On May 14, the Miner four-man team of Kramer, McColgin, Pantaleo, and Youngs emerged second behind Springfield in the M.I.A.A. meet held at Maryville. Tony Pantaleo, team captain, won the individual championship by shooting a 154 on the spongy 36-hole course.

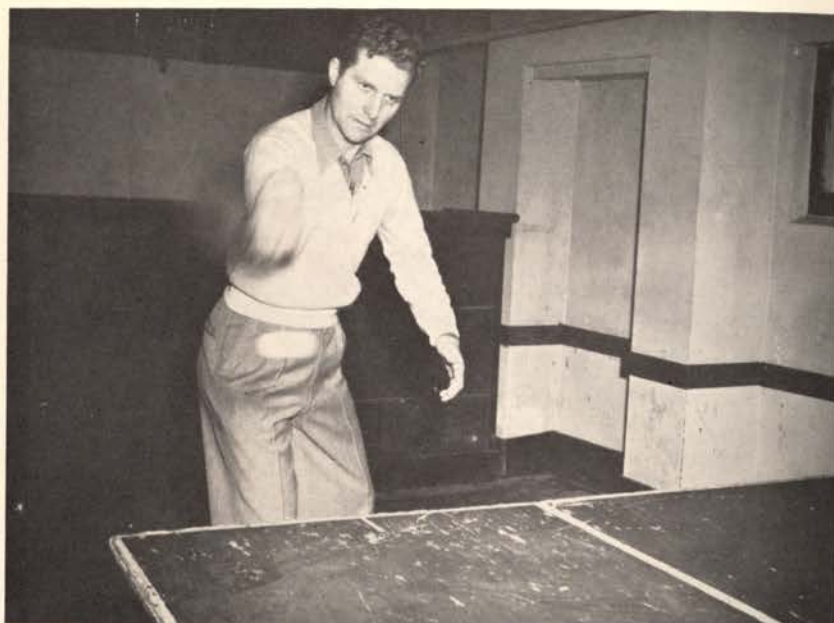


Youngs, Shroyer, Kramer, Pantaleo, McColgin, Hubbard, Coach Steinmeyer.

Intramural Sports

TABLE TENNIS

Jumping into an early lead, the Kappa Sigma table tennis singles and doubles teams dominated the winner's column with a faultless season unmarred by a single defeat. Roy Evans retained his singles crown by downing D. Miller of the Frosh in the finals. Doubles champions were Kurt Frank and Bob McGowan, who dropped Roger Knoppf and Jack Stadelhofer, the Lambda Chi representatives, from competition in the deciding match. Second place honors in team play went to Jackling Terrace, who gathered third place honors in both the singles and doubles events.



CROSS COUNTRY

The annual cross-country race held between halves of the Homecoming football game saw the emergence of a new champion, Stan Dolecki of Pi Kappa Alpha. Tom Herrmann, last year's winner, jumped into a quick lead for the first half of the race. The lead changed hands, however, as Laytham of Triangle passed the Theta Kappa Phi boy and entered the home stretch. His pace was short lived also as Dolecki, putting on a brilliant drive, forged ahead of the pack and crossed the finish line well ahead of the other contenders. Second place winner was Laytham, who nosed out Shelton of Kappa Alpha.



Dolecki, cross-country winner.



*Evans, singles champ.
Kappa Sigma's doubles champs.
Sigma Nu gridiron victors.*

Intramural Sports

TOUCH FOOTBALL

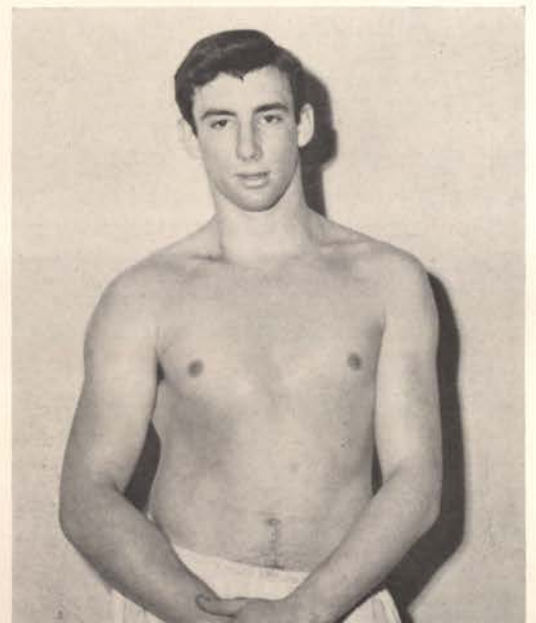
Touch football, one of the major intramural sports, is reputedly the roughest athletic activity of the year. Marked by accurate passing, hard running and blocking, and precision punting, this championship is one of the most coveted. In inaugurating the fall season, Sigma Nu successfully defended its crown by defeating Kappa Sigma in the championship game. Each team had lost one game in the double elimination tourney prior to the final match. Third place was awarded to Jackling Terrace, whose only two defeats were at the hands of the two finalists.

SWIMMING

The three-day swimming meet was one of the hardest fought battles of the intramural program. With the exception of Sigma Nu and Kappa Sigma Fraternities, all the other organizations appeared to be equally matched. Sigma Nu proved to be the eventual winner by splashing past Kappa Sigma in the final event of the evening. Throughout all the events, these two teams held the upper hand, steadily gaining points as the meet grew older. In the final standing, Kappa Alpha snared third place, closely followed by Pi Kappa Alpha.



*Sigma Nu splashers.
Goller and Williams, doubles winners.
Pi Kappa Alpha's basketball champs.*



Bill Romermann, singles handball victor.

Intramural

INTRAMURAL ATHLETE OF THE YEAR

On the basis of his all-around athletic ability, Martin Hobelman of Kappa Sigma Fraternity was awarded the trophy as Outstanding Athlete of the Year. On the gridiron he directed his team from the quarterback position. Basketball and volleyball followed in quick succession. The 1948 boxing tournament found Hobelman defeating all opposition to cop the 145-pound title. To round out the season, he played a stellar game of softball at second base.



Martin Hobelman, intramural athlete of '47-'48.

HANDBALL

A powerful Sigma Phi Epsilon team grabbed first place in the 1949 intramural handball championship with a first in the singles bracket and a second in the doubles competition. Doubles champion for the second consecutive year was the Junior-Senior combination of Goller and Williams. The strong contenders from Sigma Phi Epsilon battled the winners in a two out of three series, losing the final set. Bill Roerman handily won the singles title, defeating Gene Kennedy of Sigma Nu. Alpha Epsilon Pi garnered second place in the tourney, closely followed by the Engineers Club and Sigma Nu.

VOLLEYBALL

In inaugurating the spring semester of intramural activities, the volleyball competition showed up keen and strong. Sigma Nu dominated the court, emerging victorious over the Theta Kappa Phi squad in the first match of the double elimination tourney. The Sigma Nu team had advanced to the finals with an unblemished record, while the second place Theta Kaps had previously lost one match to Sigma Pi. Kappa Sigma gathered third place laurels with Triangle maintaining the fourth position.



*Kappa Sig-Sig Nu playoff game.
Start of that long, long run.*

Sports

RIFLE

The rifle tournament, enjoying a longevity of one day, was the scene of some fine shooting by the M.S.M. students. The sharpshooters from Kappa Sigma displayed winning form in capturing first honors with 495 points, fifteen over last year's title-winning mark. When the final scores were tabulated Tau Kappa Epsilon was found to have captured second place, followed closely by Theta Kappa Phi and Sigma Nu, respectively. Individual high scorer for the day was Miller of the Sophomores with a 179.



Crucial game between Pikes and Snakes.



*Start of the medley relay.
Intermission time.*

SUMMER INTRAMURAL PROGRAM

The year round intramural program would not be complete without a mention of the summer athletic season preceding the 1948-49 school year. The Junior-Senior organizations carried off the summer intramural crown but were hard pressed by a powerful Kappa Sigma aggregation. Third place was captured by the Engineers Club.

The most successful sport turned out to be softball with a hotly contested race until the last game. Kappa Sigma emerged on top with an 8-1 record, followed by the Engineers Club and Junior-Seniors.

The tennis courts were the next scene of action as the doubles team of Roth and Mengel of the Junior-Seniors defeated all comers for the title. Second place was easily handled by Kappa Sigma and third place by Sigma Phi Epsilon.

The next event on the summer agenda was swimming. After a poor start Chi Sigma hit the pace and splashed home with the crown. Lambda Chi exhibited good form but weakened in the final events and allowed Sigma Nu to take second place.

Golf closed the summer program with a tie score for first honors. Pi Kappa Alpha and Junior-Seniors both showed identical marks, but in the playoffs the Pikes showed their superiority and were thereby awarded first place. These two leaders were followed by the Engineers Club and Jackling Terrace.



ACTIVITIES AND FRAT



ERNITIES

Campus organizations and social fraternities have as their main objective the fostering of scholarship and social interest. Through their influence and service, we strive to experience the mutual satisfactions of true fellowship necessary for the enjoyment of human relationships, which enable us to gain universal respect and admiration as engineers.



MINER STAFF

Editor-in-ChiefBob Buel
 Associate Editor.....Joe Strubert
 Managing Editor.....Fred Springer
 Sports Editor.....Murray Schmidt
 Business Manager.....Joe Reiss
 Advertising Manager.....Roger Jenkins
 Circulation Manager.....Louis Frank
 Features Editor.....Harry Funk
 Board Secretary.....Lyman Van Buskirk



Editor Buel and right hand man Bennett.



THIRD ROW: Sanders, Gokenbach, Starkweather, Reiss, Bennett, Pounds, Weinrich, Kaiser, Dampf Bosse, Knecht, Hansen, Murphy, Padfield, Sherburne. SECOND ROW: Isbell, Reeves, Springer, Johnston, Moser, Jadwick, Main, McCallister, Aubuchon, Bachman, Wisch, Mase, Cowan, Van Buskirk, Church, Vogler, Cardetti. FIRST ROW: Strubert, Koppel, Herder, North, Wirfs, Chapman, Stieglitz, Flore, Prof. Jelinek, Buel, Neidel, Frank, Peppers, Funk, Shopher, Buersmeyer, Calcaterra, Greco.

Miner

The Missouri Miner, official publication of the students of the School of Mines, started out the year by sending complimentary copies of the first issue to all the members of the Alumni Association.

One of the main additions in the MINER has been the re-inauguration of the column, "As a Miner Sees It", which has been stagnant since the war years. The anonymous author has managed to remain known only to a few in spite of the many demands for his name from irate readers.

On October 2, Miner Board members and guests attended the annual Miner Board banquet at the Houston House in Newburg. Prominent guests at the banquet were Dean and Mrs. Wilson; Prof. Jelinek, faculty advisor, and Mrs. Jelinek; Football Coach Gale Bullman, guest speaker, and Mrs. Bullman; and Publisher Larry May and Mrs. May.

Outstanding features of the 1948-49 MINER—complete coverage of the M.I.A.A. Football Conference in Bill Sherburne's column "Around the M.I.A.A."; Jack Sontag's play-by-play diagrams of each Miner football game; a "clean-up" of the jokes; Roger Neidel's many feature articles and poems; and the St. Pat's Edition.



The big bosses.

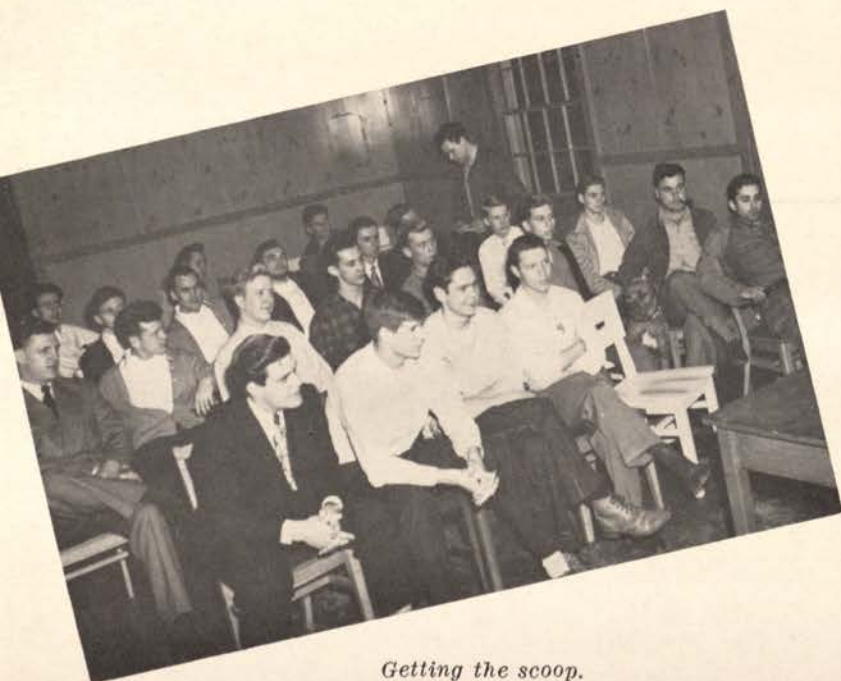
*Tryouts hard at work.
The senior staff.
First copies off the press.
Checking copy.*



Editor-in-chief Bach and Business Manager Morlock.



Editor-in-Chief.....	Bill Bach
Business Manager.....	Bob Morlock
Organizations Editor.....	Ed Kyburz
Literary Editor.....	Bill Horst
Sports Editor.....	Dick Stegemeier
Classes Editor.....	Clarence Isbell
Circulation Editor.....	Roger Neidel
Associate Editor.....	Bob Turman
Staff Photographer.....	Coy Breuer
Secretary.....	Ed Acheson



Getting the scoop.

The ROLLAMO office, which is in the new infirmary building, has helped to ease the work necessary to edit the yearbook. The circulation of the ROLLAMO exceeds three thousand copies this year due to the increase in the M.S.M. enrollment. The ROLLAMO '49er is bigger and more representative of the Missouri School of Mines than any previous year in its history.

The editing, planning, and completion of the ROLLAMO was under the supervision of Editor Bill Bach, while Business Manager Bob Morlock very accurately and diligently balanced the books. These men, together with a conscientious faculty advisor,

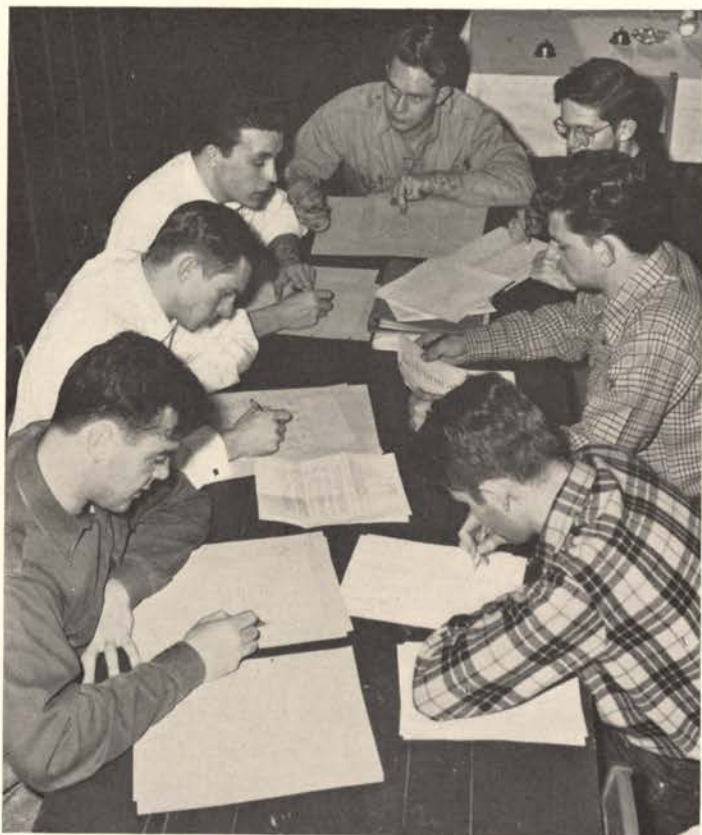
Board

Professor J. J. Jelinek, and an efficient staff carefully planned the ROLLAMO '49er. After these plans were completed, ambitious board members and hard-working tryouts carried them out under the supervision of the Editor and staff.

Organizations Editor, Ed Kyburz, was kept busy contacting the various wheels on the campus and compiling the information needed for the Activities and Fraternities section of the book. The Literary Editor, Bill Horst, accompanied by Joe Wright, Dick Bauer, and Roger Neidel, provided the descriptive material for the book.

Classes Editor, Clarence Isbell, handled the task of compiling the material for the Seniors and Underclassmen section of the book.

The photography was under the leadership of Coy Breuer. Coy was ably assisted by Bill Cox, Bob Johnson, R. Poppitz, B. Greaves, T. Davis, and L. Frank. The M.S.M. Photo Club contributed many excellent photos which appear in the ROLLAMO '49er.



The staff at work.



THIRD ROW: Kyburz, Bruce, Keil, Holmes, Theiss, Peterson, Dieckman, Johnson, Perry, Schmitt, Kaiser, Maurer, Weismantel, Sample, Weinrich, Long, Quinlan, Cox. SECOND ROW: Gokenbach, Smith, Horst, Ehrich, Becker, Poppitz, Mooney, Wagner, Acheson, McCallister, Greaves, Davis, Calcaterra, Stegemeier, Breuer, Wright. FIRST ROW: Greco, McNichols, Herrmann, Morlock, Stegemeier, Isbell, Neidel, Bach, Prof. Jelinek, Meskan, Stinson, Adams, Murphy, Macke, Hoffman, Chapman, Cardetti.



Our officers.

Student Council

OFFICERS

President.....R. E. Peppers
 Vice-President.....J. D. Crites
 Secretary.....L. Dieckman
 Treasurer.....W. Wundrack
 Executive Committeeman.....C. Kunz



THIRD ROW: Crossman, Toomey, Miller, Kunz, Birbeck, Scales, Matilage, Kaplan. SECOND ROW: Thielker, Schweder, Seelig, Koziboski, Dieckman, Frank, Foster, Holland. FIRST ROW: Herrmann, Wisdom, Crites, Peppers, Wundrack, Mallon, Castelli, Timlin.

The Independent Organization is comprised of non-fraternity men interested in participating in social, athletic, and other campus activities. The organization was started in 1935, and since then has been of much service to the college.

The Independents have representatives in organizations including the Student Council, St. Pat's Board, and professional societies. The highlights of the past year's activities were the organization of class elections and aid given in reviving the Tech Cooperative Eating Club.



Independent's big wheels.

Independents

OFFICERS

President.....J. Foster
 Vice-President.....J. Crites
 Secretary-Treasurer.....W. Wundrack



THIRD ROW: Baily, Schafer, Soehlke, Lester, Koziboski, Miller, Campbell, Sopp, Seelig, Kunz, Heitzberg, Chubb, Werner, Zane, Absalom, Stevens. SECOND ROW: Dermody, Agnew, Hansen, Stanhope, Flynn, Kelley, Starkweather, Kahtz, Dieckman, Andreasen, Foster, Parks, Dowd, Phillips. FIRST ROW: Quick, Grimsley, Cochran, Carpenter, Hoyland, Maag, Atkisson, Crites, Wundrack, O'Connor, Mallon, Holland.

Tau Beta Pi

In 1885, the Tau Beta Pi Association was founded at Lehigh University "to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in the field of engineering".

The Missouri Beta Chapter of Tau Beta Pi was founded at M.S.M. in December, 1906, and has become one of our leading organizations.



Tau Beta Pi officers.

OFFICERS

President.....	G. D. Holmes
Vice-President.....	H. E. Straub
Recording Secretary.....	D. L. Dean
Corresponding Secretary.....	R. Hansen, J. Foster
Treasurer.....	R. Williams
Cataloger.....	L. Agnew



FOURTH ROW: Holloway, Bockstruck, Goller, Williams, Frank, Telthorst, Kelley, Holmes, Perry, Niederstadt, Stahl, Hopkins, Dean, Szumachowski, Brassfield, Hyatt, Laird. THIRD ROW: Quevreaux, Roehl, Breitwieser, Hoehn, Lenox, Wolfe, Maag, Hansen, Brown, Gammon, Wagner, Tippet, Mornin, Bowen, Whanger, Simpkin. SECOND ROW: Carney, Agnew, Whitfield, Needham, Hogan, Schweder, Stobie, Spanberger, Marting, Norman, Birch, Geiss, Breton, Tichy, Bullock, Straub, Prof. Miles. FIRST ROW: Hughes, Foster, Carroll, Martin, Coffey, Mead, Bennett, Wood, French, Long, Hayase.

Phi Kappa Phi

The Honor Society of Phi Kappa Phi, founded in 1897, encourages scholastic endeavor by the badge of membership by sponsoring speakers and granting scholarships. Membership is open to scholars in all branches of learning.

The Missouri School of Mines Chapter was established in 1920. Seniors in the upper ten per cent of their class are eligible for election to membership. The Missouri School of Mines Chapter Book Plate is awarded annually to all students who have maintained a scholastic average of 2.00 or more for the academic year.



Phi Kappa Phi officers.

OFFICERS

President.....	O. R. Grawe
Vice-President.....	V. A. C. Gevecker
Secretary-Treasurer.....	W. J. Jensen
Journal Correspondent.....	C. T. A. Johnk



THIRD ROW: Schalk, Long, Roehl, Needham, Hale, Lenox, Heitzberg, Frank, Norman, Hyatt, Carroll, Wagner, Dean, Mornin, McCarthy, Hansen. SECOND ROW: Simpkin, McFarland, Bockstruck, Hogan, Bennett, Prof. Cagg, Prof. Grawe, Prof. Carlton, Prof. Miles, Bullock, Martin, Coffey, Eichelberger, Bowen. FIRST ROW: Straub, Carney, Hogland, Hughes, Prof. Jensen, Birch, Prof. Ashbaugh, Prof. Butler, Morgan, Smith, Foster, Breton, Schlemer.

Blue Key

Blue Key is a national honorary fraternity whose real aim is expressed in its motto, "Serving I Live". New members are chosen on a basis of character, scholarship, student activities, and service. Membership is limited to a definite number of graduate and undergraduate students.

Service rendered during 1948-49 included publishing of the annual Student Directory, assisting in the Parents' Day and Homecoming celebrations, and introducing the school to the incoming frosh by means of two very successful smokers.



Big Keys.

OFFICERS

Fall		Spring
R. Perry.....	President.....	R. Peppers
J. Reilly.....	Vice-President.....	T. Wirfs
R. Jenkins.....	Secretary-Treasurer.....	K. Short
W. Gammon ..	Corresponding Secretary.....	D. Stegemeier
F. Eckert.....	Alumni Secretary.....	R. Jenkins



SECOND ROW: Hrach, McGrath, Isringhaus, Eckert, Koenig, Kwadas, Niederstadt, Perry, Coolidge, Holmes, Gammon, Reilly, Brehe, Williams, Withrow, Gokenbach. FIRST ROW: Short, Peppers, Voiles, Frank, Stegemeier, Bach, Schmidt, Heath, Telthorst, Perino, Hoehn, Wirfs, Bounds, Straub, Tyrer.

Theta Tau

Theta Tau is a professional engineering fraternity which draws its membership from men who show promising engineering ability, standard scholarship, and personal worthiness. Its purpose is to perpetuate a high standard of professional interest and ethics among its members.

Banquets, outings and smokers together with the informal Wednesday afternoon gatherings resulted in a very successful social year.



Theta Tau officers.

OFFICERS

Fall		Spring
J. Reilly.....	Regent.....	D. Heath
T. Wirfs.....	Vice-Regent.....	H. Johnson
D. Stegemeier.....	Scribe.....	B. Schmidt
R. Schowalter	Treasurer.....	W. Collins
H. Johnson.....	Corresponding Secretary.....	H. Chapman
H. Telthorst.....	Marshal.....	K. Short
L. Dougherty.....	Inner Guard.....	J. Jadwick
J. Crites	Outer Guard.....	B. Zane



THIRD ROW: Zane, Pounds, Griesedieck, Foster, M. Schmidt, Bennett, Schowalter, Weismantel, Kwadas, Johnson, Morlock, Reiss, Buel, Hudson. SECOND ROW: Reeves, French, DeShon, Poppitz, Jadwick, Janczewski, McGrath, E. Telthorst, H. Telthorst, B. Schmidt, Yochum, Bachman, Babbitt, Weinstein, Short. FIRST ROW: Perino, Chapman, Neidel, Greco, Dougherty, Stegemeier, Wirfs, Bounds, Prof. Butler, Prof. Miles, Reilly, Andreasen, Heath, Crites, Peppers, Stieglitz.



Alchemist's officers.

OFFICERS

Master Alchemist.....	R. Booth
Vice Alchemist.....	C. Goller
Reporter.....	W. Gammon
Recorder.....	J. Erler
Treasurer.....	E. Hoehn
Alumni Secretary.....	R. R. Cornwall
Historian.....	J. Walker
Master of Ceremonies.....	A. Hemme



Alpha Chi Sigma

Alpha Chi Sigma is a national professional chemical fraternity which was founded in 1902 at the University of Wisconsin.

The Beta Delta Chapter at Missouri School of Mines started in 1936. The chapter awards the junior and graduating senior in Chemistry and Chemical Engineering having the highest grade point averages, and sponsors an active safety program with freshman instruction as a highlight.

In the fall the chapter was honored by having the district conclave meeting here in Rolla. In addition the chapter had its fall and spring outing, and smokers.



FOURTH ROW: Bockstruck, Smith, Knecht, Frank, Holloway, N. Niederstadt, Dowling, Peterson, R. Niederstadt, Honerkamp, Wyatt, Goller, Driscoll. THIRD ROW: Breidert, Thielker, Howard, Schmitt, Young, Gammon, Middeler, Miazga, Walker, Geiss, Branson, Schmitz, Klemme, Kingsley, Schweder. SECOND ROW: Prof. Conrad, Griffith, Hemme, Brice, Hoehn, Walker, Dehekker, Vogler, Telthorst, Knauer, Jamieson, Campbell, Ehrler, Frank, Tyrer, Withrow, Reed, Booth. FIRST ROW: Hagar, Isringhaus, Chapman, Hoppe, Helwig, Venarde, Bach, Ferry, Coffman, Carter, Kosiboski, Rohr, Wood.

Keramos

Keramos is a national professional engineering fraternity. The Missouri Chapter of Keramos was established here in July, 1947. The object of this organization is to promote scholarship and character in the thoughts of ceramic students, and to promote interest in ceramic art, technology, and engineering.

Projects of the past year include Parents' Day exhibits, a demonstration of ceramic processes and products for the faculty wives, and the showing of technical and industrial films for the entire student body.



Keramos officers.

OFFICERS

President	H. Brassfield
Vice President.....	E. Hyatt
Secretary.....	R. Breitwieser
Treasurer.....	B. Shroyer
Herald	R. Grotefendt
Faculty Advisor.....	Dr. W. J. Knapp



THIRD ROW: Prof. Herold, Grotefendt, Barr, Eck, Mueller, Planje, Prof. Knapp, Laird. SECOND ROW: Zavislak, Williams, Evans, Hyatt, Mornin, Simmons, Moscker, Breitwieser. FIRST ROW: Hughes, Schmitt, Heath, Padfield, Brassfield, Fields, Eisenberg, Daste, Rous.

Alpha Phi Omega

The Beta Omicron Chapter of Alpha Phi Omega Fraternity was founded on March 12, 1939 to develop friendship and promote service to others in the fellowship of the Scout Oath and Law.

The annual Beauty and Beast Contest and Dance, sponsored by A.P.O., is one of the most popular dances of the year.

A.P.O. primarily serves the students. It sponsors "Keep off the grass" campaigns, maintains a car pool for riders and drivers, operates a book exchange, and annually distributes desk size blotters to each student.



*A.P.O. officers.
President Brown conducting.*

OFFICERS

Fall		Spring
S. Brown.....	President.....	J. Clifton
B. McDowell.....	Vice President.....	{ D. Bertel
		{ B. Starke
C. Isbell.....	Secretary.....	C. Peek
J. Patrick.....	Historian.....	F. Cochran
G. Knight.....	Alumni Secretary.....	J. Patrick
J. Parks.....	Sergeant-at-Arms.....	D. McDonald



THIRD ROW: Turman, MacDonald, Ruhl, Jayne, Eason, Abendschein, Starke, Fahs, Radford, Erskine. SECOND ROW: Mosker, Plummer, Gergeceff, Milburn, Hahne, Hughes, Hill, Clifton, Brown, McEvilly, Peek, Heetfield. FIRST ROW: Rooster, Haymes, Cochran, Springer, Patrick, Isbell, Church, Ransom, Knight, Langston, Boaz, Parks.

"M" Club

The M-Club is an active organization composed of the varsity lettermen in school. Initiations are held twice a year. The purpose of the club is the betterment of sportsmanship and school spirit on the campus. Its foremost social event is the annual "Pigskin Prom", at which the "Intramural athlete of the year" is awarded a trophy. The M-Club selects the athlete on the basis of his ability and sportsmanship that he has shown throughout the year. The refreshment stands at the varsity games are sponsored by the club for the benefit of the students.



"M" Club fall officers.

OFFICERS

Fall		Spring
Bob Reichelt.....	President.....	Fred Eckert
Bob Perry.....	Vice President.....	Bill Chew
Alvin Svejkosky.....	Secretary.....	Gene Kennedy
Pete Perino	Treasurer.....	Don Smith



THIRD ROW: Theiss, Duerr, Aegerter, Svejkosky, Dowling, Pounds, Perry, Kennedy, Teas, Niederstadt, Hughes, Henson, Rice, Blanche, Smith, Sanders. SECOND ROW: Kemper, Eckert, Losco, Coolbaugh, Davis, Stallman, Jorcke, Steele, McGrath, Schmidt, Hetherington, Duke, Perino, Heath, Thielker, Tschannan. FIRST ROW: Bounds, Dougherty, Williams, Gammon, Reeves, Harrawood, Hoehn, Bock, Maag, Weinell, Tothill, Kwadas, Baker, Vose, Huffman.

Glee Club



Glee Club officers.

The M.S.M. Glee Club has seen one of its most successful years. Under the sponsorship of Professor Black and the competent direction of Mrs. Black, it has grown in number and achievements.

The last chords which vibrate through Norwood Hall on Thursday nights are rehearsed until they become part of a polished program to be presented here in Rolla, on the air, or on other campuses. Besides the programs presented in Rolla, the Glee Club made appearances at KFUE in St. Louis, Stephens College, and Lindenwood College during the past year.

OFFICERS

President.....	J. McNichols
Secretary-Treasurer	C. Isbell
Librarian.....	D. Drago



THIRD ROW: Witzl, Seay, Gabrielse, Keller, Ruenheck, Schwab, Rekate, Miller, Sopp, Kaiser, Quick, Morefield, Tucker, DeVaney Koppel. SECOND ROW: Rice, Palmer, Sobie, Kane, Isbell, Wolf, Clark, Dare, Dolecki, Timlin, Smith, Greig, Fisher, Stevens, Huffer, Soriano. FIRST ROW: Herndon, Zumsteg, Franklin, Wooldridge, Kibler, Ferns, Searight, Mrs. Black, Ruth Cagg, McNichols, Herder, Cox, Englund, Wundrack, Spencer, Aubuchon, Johnson.

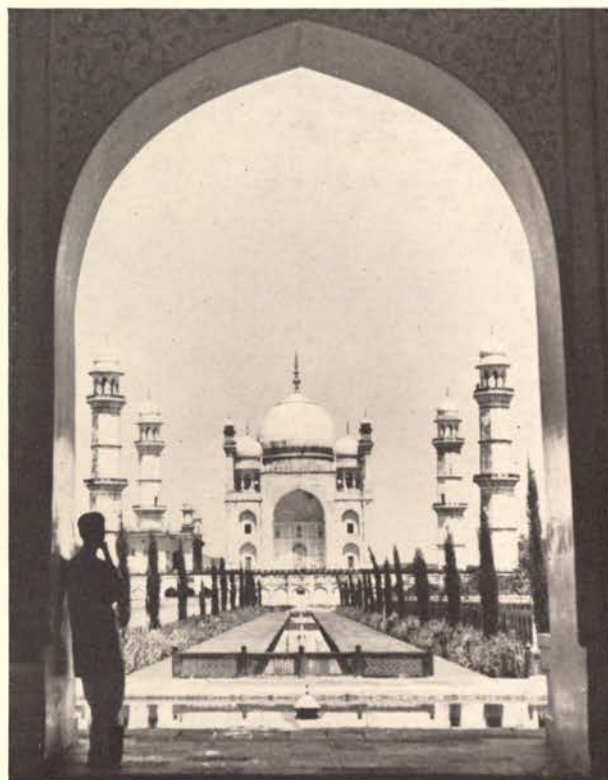
Photo Club

The M.S.M. Photo Club was formed to promote and further interest in photography. Members are provided dark room facilities and instructual meetings are held monthly.

Each year the club sponsors its annual Photo Club Contest, open to all members. This year's award of first place, a cash prize, in the contest, was won by C. C. Shah. The other winners were D. M. Teagarden, second prize, and R. W. Johnson, third prize.

OFFICERS

President.....	W. A. Schirmer
Vice President.....	R. F. Ostmann
Secretary-Treasurer.....	G. L. Carpenter
Faculty Advisers.....	{ C. J. Johnk R. H. Kerr



First prize: "Baby Taj Mahal"—by Shah.



THIRD ROW: Teagarden, Danz, Johnson, Davidson, Schirmer, Padfield, Hansen. SECOND ROW: Patel, Carpenter, Gandhi, Kerr, Stahl, Bueker, Belcher, Wakefield. FIRST ROW: Shah, Wickey, Davis, Hogland, Boecker, Ray.



Detonators brass.

The M.S.M. drill squad is a group of volunteers of the R.O.T.C. Battalion. The principle activity of the organization is to promote interest in military activities.

Although an important part of the activities is the crack drill formations that are presented to the school, other activities are supervised by the military department. They include movies that are of interest to the organization and practical operation of much of the military equipment that is available on the campus. The highlight of the year is the drill put on during the Military Ball.

OFFICERS

Commanding Officer.....	R. E. Vansant
Adjutant.....	T. W. Allen
Executive Officer.....	R. N. Holme
Finance Officer.....	A. M. Krause
Sergeant-at-Arms.....	G. S. Morefield

Detonators



THIRD ROW: Ransom, Keller, Griffith, Light, Frase, Sanders, Zumsteg, Faust. SECOND ROW: Hoertel, Cox, Govatos, Thrall, Spencer, Chapman, Anglada, Ferns, McCague. FIRST ROW: Heil, Holme, Krause, Vansant, Morefield, Allen, Bowlin.

The M.S.M. Student Chapter of the A.F.S. was the second student chapter in the country to receive its charter.

While only in its second year of organization, some of its activities included nationally known speakers from the casting industry, joint meetings with the St. Louis chapter, and plant visits to foundries in the St. Louis area.

Through the efforts of the student chapter, M.S.M. was the recipient of a gift consisting of the necessary equipment to set up a foundry. This small scale plant was the donation of the St. Louis chapter of the A.F.S. and is to be used in familiarizing students in foundry problems.

OFFICERS

Chairman.....	J. W. Mitchell
Vice Chairman.....	R. M. Frazier
Secretary-Treasurer.....	M. L. Slawsky
Program Chairman.....	J. E. Reynolds, Jr.
Faculty Advisor.....	Dr. D. F. Eppelsheimer



A.F.S. officers.

American Foundryman's Society



THIRD ROW: Sevick, Absalom, Prof. Walsh, Reynolds, Ballmann, Frazier, Silver, Kelley, Wile, Salvaggi. SECOND ROW: Isbell, Harris, Tittman, McVey, Hebert, Morris, Savu, Verive, Griffith. FIRST ROW: Slawsky, Cage, Penman, Knutson, Cullom, Mitchell, Prof. Eppelsheimer, Smith, Brown.



M. S. M. Players

SECOND ROW: Wilkins, T. Smith, Hauser, Spindle, Danz, Skaka, Wehrenberg, Blumenstock, Springer. FIRST ROW: Smith, Carlton, Parks, East, Roster.

The M.S.M. Players, first known as the "Star and Garter", is a dramatic organization which is open to all members of the student body or faculty of M.S.M., or any lady resident of Rolla.

The Fall production, "Three Cornered Moon", was staged in Parker Hall for a run of three nights. Other products were staged during the Spring semester to complete a successful year.

OFFICERS

President.....	J. Parks
Vice-President.....	W. Wilkins
Business Manager.....	F. Springer
Secretary.....	Sue East

Alpha Psi Omega is an honorary dramatic fraternity which recognizes meritorious participation in college dramatics. The Delta Pi cast of Alpha Psi Omega was installed at the Missouri School of Mines in 1933. Membership is conferred upon those members of the M.S.M. Players who have performed a high standard of work in dramatics.

OFFICERS

Director	J. Wehrenberg
Stage Manager.....	H. Spindle
Business Manager.....	J. Parks
Honorable Prompter.....	E. Skalka
Inner Guard.....	A. Danz
Faculty Director.....	C. Niles

Alpha Psi Omega



SECOND ROW: Skalka, Danz, Smith, Springer. FIRST ROW: Spindle, Wehrenberg, Parks.

Mosamo



SECOND ROW: Casper, Salomo, Spindle. FIRST ROW: Konviser, Prof. Brewer, Hoffman.

Mosamo, the Esperanto Association of M.S.M., was organized October 28, 1947, in order to learn Esperanto and promote international understanding. Letters were exchanged with Esperantists in every continent to further this interest.

During the past year their activities have included a weekly radio program.

OFFICERS

President.....	F. Hoffman
Vice-President	H. Spindle
Secretary	F. Stevenson
Treasurer.....	E. Stark
Program Chairman.....	W. Salomo

The Fencing Club, one of the newer organizations on the campus, was recognized by the Student Council in the summer of 1946. There has been a keen renewal of interest in fencing, a sport which had been brought to a virtual standstill during the war years.

Now a well established and permanent institution, the Fencing Club is looking forward to intercollegiate competition in the near future.

OFFICERS	FALL	SPRING
President.....	J. Perry.....	M. Edmuston
Vice-President	M. Edmuston.....	D. Hase
Secretary-Treasurer	D. Kelly.....	J. White



SECOND ROW: Banks, Cooper, Lodwick, O'Connell, Kelly. FIRST ROW: Stevenson, Rous, Gray, Hase, Edmeston.

Fencing Club

University Dames

The University Dames are the wives of students of the Missouri School of Mines. The purpose of this group is to provide entertainment and activities which will interest each individual member.

There are many smaller clubs within this organization. The Glee Club provides an outlet for musical talents. The Mothers' Club, composed of mothers and those interested in children, exchange ideas on the care of children. The Workbasket Club, a sewing group, and the Drama Club, one of the most colorful and interesting groups, round out this highly diversified organization.



Dames Christmas party.

OFFICERS

President.....	Iris Ruenheck
Vice President.....	Lee Atchison
Treasurer.....	Joyce Katz
Secretary	Gloria Lillibridge
Corresponding Secretary.....	Charlotte Scheid



THIRD ROW: Smith, Cage, Anderson, Rees, Brady, Fischer, Robinson, Stovall, Strain, Ruenheck, Atchison, Juenger. SECOND ROW: O'Brien, Toth, Johnston, Hartmann, Babbitt, Humphrey, Pering, Crippen Decker, Grotefendt, Gergeceff, Lange. FIRST ROW: Tripp, Lillibridge, Brewer, Nelson, Howard, Rohr, Booth, Kahtz, Scheif, Norris, Knutson.

St. Pat's Board

Every March since 1908, Joe Miner has laid down his slide rule and books, and replaced them with cigarettes, whuskey, and wild, wild women". March marks the arrival of St. Pat, the Engineers' Patron Saint. This is the high point of the social year for the Miners, and credit must be given to the St. Pat's Board members who have worked to make this celebration a long remembered one.

Established in 1930 and composed of two men from each social fraternity and four independents, the St. Pat's Board sponsors other affairs to help defray the cost of St. Pat's, such as: The Homecoming Dance and the Admiral Cruise.



St. Pat's Board officers.

OFFICERS

President.....	W. Bailey
Vice President.....	F. Koenig
Secretary.....	G. Tyrer
Treasurer.....	M. Ditore
Assistant Treasurer.....	E. Acheson



THIRD ROW: Hollmann, Bailey, Telthorst, Koenig, Andreasen, Castelli, Ratcliff. SECOND ROW: McGowan, Acheson, Shute, Coolbaugh, McGrath, Koziboski, Eggemann, Megeff. FIRST ROW: Subitzky, Voiles, Funk, Greco, Tyrer, Grimsley, Shaver, Knappert.



Hammer Throwers

OFFICERS

PresidentParnell Schoenky
 Vice-President.....Don Spencer
 Secretary.....Lyman Van Buskirk
 Treasurer.....Larry Spanier

SECOND ROW: Kerr, Netzeband, Prof. Nevin, Spencer, Van Buskirk. FIRST ROW: Church, Cook, Spanier, Powers, Schoenky.



*Take off.
 Up, up, and away.
 Tough! Gene.*

*Jerry's P-47.
 Netzeband's prize possession.
 A night at the Nationals.*

*Take your pick.
 Checking the thermals.
 One sunny Sunday afternoon.*

Rifle Club



SECOND ROW: Clarke, Clausen, Thrall, Pape, Casper, Berger. FIRST ROW: Young, Fairchild, Cauthorn, Crabtree, Carpenter.

The M.S.M. Rifle Club is composed of students who are interested in marksmanship. The organization is a member of the National Rifle Association and the members may compete for awards given by that society. The club is sponsored by the R.O.T.C. unit of the school.

The object of the club is to encourage and promote rifle marksmanship. It also serves as a basis for drawing members for the Varsity Rifle Team. The club sponsors its own team which conducts matches with local rifle clubs, other schools and organizations.

OFFICERS

President.....G. W. Crabtree
Vice President.....C. A. Berger
Secretary.....R. H. Regan
Treasurer.....J. E. Cauthorn
Captain of Team.....G. R. Clausen

Originally founded in 1932, the M.S.M. Radio Club offers opportunities for students, whose mutual interest is amateur radio, to meet and discuss their problems. The fame of M.S.M. has been spread by club members while operating the campus radio station, WOEE. This station is a member of the Missouri Traffic Net, and has participated in such nationwide activities as the Field Day and Sweepstakes Contests. Communications have been exchanged with such places as Brazil, The Canal Zone, England, France, and Hawaii.

OFFICERS

President.....E. L. Hughes
Vice President.....L. J. Georger
Station Manager.....R. H. Koontz
Secretary-Treasurer.....J. R. Quick
Program Chairman.....W. B. Brown



THIRD ROW: Kouns, Keer, Jones, Birbeck, Greer, Hughes. SECOND ROW: Blockman, Day, Stone, Kline, Hansen, Nickel. FIRST ROW: Brown, Quick, Koontz, Van Kirk, Stanhope.

Radio Club

Baptist Student Union

The Baptist Student Union is a group of Christian students banded together to promote Christian fellowship and Christian living.

The Missouri Mines B.S.U., organized in 1947, now has fifty active members.

The B.S.U. strives to offer its members an interesting and enjoyable social program. This religious organization has a regular meeting and many other informal social activities each month.

OFFICERS

President.....	D. Crawford
First Vice-President.....	J. Absalom
Second Vice-President.....	E. Seay
Third Vice-President.....	D. Fugate
Secretary.....	J. Calhoun
Treasurer.....	W. Harris
Faculty Advisor.....	Mr. J. Brewer
Pastor Advisor.....	Rev. J. V. Carlisle



B.S.U. officers.



SECOND ROW: O'Dell, Crawford, Winters, Fugate, Teagarden, Burch, Martin, Calhoun, Wile, Edmunds, I. Absalom, R. Joslin, Slankard, Beach. FIRST ROW: Carlisle, Harris, Wooldridge, Cochran, Crawford, Hale, Joslin, Gibbs, Edmunds, Hughes, Seay, Richy, Boaz.

Wesley Foundation

The Wesley Foundation Student Council is a Methodist student organization which was founded on the M.S.M. campus in 1945 to create Christian fellowship and higher ideals on and off the campus. Membership is open to all students.

The Wesley Foundation entered football, basketball, and swimming teams in the intramural sports program last fall.

The social events of the season were highlighted by trips to Lake of the Ozarks, a Halloween party and hayride, a backwards dance, and trips to St. Louis.

Rev. Ralph H. Hicks, minister of the First Methodist Church, is the advisor for the organization.

OFFICERS

Fall		Spring
T. Mabie.....	President.....	V. Schmidt
V. Mallrich.....	Vice-President.....	W. Johnson
V. Schmidt.....	Secretary-Treasurer.....	R. Vansant



*A party at the church.
Wesley's officers.*



FOURTH ROW: Danzer, Nichol, Schmidt, Lodwick, Smith, Mabie, Kauffman, G. Mabie. THIRD ROW: Strong, Vansant, Eason, Rausch, Rekate, Tarr, Jones, Spencer, Milburn. SECOND ROW: Knight, Miles, Humphrey, Hicks, Crow, Johnson, Catner. FIRST ROW: Abendschein, Ellis, Maag, Whanger, Cotner, Tester.

Gamma Delta



Sunday meal at the church.

OFFICERS

Fall		Spring
H. Straub.....	President.....	D. Eldridge
R. Poppitz.....	Vice-President.....	R. Knoernschild
C. Ochs.....	Secretary.....	E. Kolb
R. Perko.....	Treasurer.....	R. Perko



SIXTH ROW: Kasten, Dunn, Wolfram, Geidel, Mallon, Roschke, Voertman, Neely, Ruff, R. Young, Buettner, Knoernschild, Kneuppel, Shanafelt. FIFTH ROW: Sundermeier, Kolb, Keeser, Basely, D. Schneider, Fliehman, Johnson, Carlson, Daetz, Stahl, Schmedt, Detjen, Eldridge. FOURTH ROW: Unger, Fahein, Gokenbach, Glenn, Haas, Blenderman, Kieffer, Hohlfelder, N. Schneider, Niemeste, Nickel, Reed. THIRD ROW: Fritschen, King, Perko, Straub, Rev. Ellermann, Prof. Rushing, Poppitz, Eissinger, R. Schneider, Bock. SECOND ROW: Gutzler, Kuehnert, Holtgrieve, G. Young, Isbell, Ostmann, Rohlfing, Bach. FIRST ROW: Taylor, Wunnenberg, Justus. Missing from picture: Ochs, Evans, Malone, Wagner, Marting, Koenig, Knigge, Buemer, Gerler, Schmitt, Schmidt, Casper.

Association

Gamma Delta is an international association of Lutheran students organized to encourage a study of the Bible and to promote fellowship within the school and between other colleges and universities.

Regular meetings are held each Sunday evening. Following the business section of the meeting, a topic discussion is conducted by the pastoral advisor, Reverend Ellerman.

The motto of the organization is symbolized by our name, Gamma Delta, this representing the first letter of the Greek words "Gnosis" and "Diakonia", which mean "knowledge" and "service", respectively.

The zenith of achievement experienced this year was the opening of the chapter house. Much time was spent in September and October making the house livable. Compliments received by the one hundred and twenty-five guests entertained on Parents' Day more than compensated for the hard work.

During the '48-'49 school year, Alpha Phi chapter was represented by delegates to the Gamma Delta International Convention at Detroit, Michigan, the Missouri Regional Conference at Troy, Missouri, the All-Missouri Seminar at Columbia, Missouri, and the Regional Convention at Carbondale, Illinois.

Competition in intramural sports has realized a marked improvement. A thirty per cent increase in membership promises even greater things.



206 W. Ninth.

Our name.
Picking up grade-points.
Fall administration.
Spring officers.

Engineers Club

The Engineers Club has been organized here on the M.S.M. campus for many years, being the oldest of the student "co-ops". This organization was founded to obtain better and more economical meals for many of the Independent students. The club not only maintains a high standard of living for its members, but also tends to promote fellowship and stimulate interest in campus activities.

Members of the club will be found taking part in most of the campus organizations and the intramural sports program. The Engineers Club is also well represented on the M.S.M. varsity teams.

The Engineers Club is ruled by a Board of Control, the members of which are elected on the basis of capability and personality. The recent Board of Control has done much to improve the club during the past year.



*Lunch time.
Officers' table.
Good food!*



The club house.

Engineers Club



OFFICERS

President.....W. Wundrack
 Business Manager.....F. Komoto
 Secretary-TreasurerJ. Crites

... and am I hungry!

BOARD OF CONTROL

B. F. Miller.....R. G. Mallon
 W. R. O'Connell.....E. A. Koziboski



Engineers Club.

Tech Club



Tech Club officers.

The Tech Club was organized in October, 1948, through the efforts of the Independents and the Engineers Club. The purpose of the club is to provide meals for its members as economically as possible, maintaining high nutritional standards.

By the middle of November the work of preparing the house for occupancy on 1304 Pine had been completed and the Club began serving meals to its members. The club accommodates approximately one hundred members.

OFFICERS

President.....C. Heitzeberg
Secretary-Treasurer.....J. E. Jadwick

BOARD OF CONTROL

R. A. Andreasen.....R. E. Schwab
J. W. Behm.....E. MacMaster



FIFTH ROW: Steuterman, Seelig, Pender, Teagarden, Soehlke, MacMaster, Andreasen, Slover, Schafer, Kunz, Heitzeberg, Tester, Chubb, Schwab, Honerkamp, Howard. FOURTH ROW: Maltzahn, Jadwick, Klick, Leach, See, Dermody, Cochran, Freuler, Nichol, Seay, Silver, Heetfield, Kronmueller, Slankard, Durrenberger, Belcher, Robenalt, Moore. THIRD ROW: Lancaster, Brugioni, DeShon, Wadefield, Strassners, Behm, Danzer, Findlay, Parks, Wilson, Hinch, Greenberg, Liebsch, Kavanaugh, Vance, Stevens. SECOND ROW: O'Connor, Tunncliffe, Johnson, Miles, Richey, Wooldridge, Corigliano, Byrd, Phillips, Allan, DelPorto. FIRST ROW: Campion, Renner, Fossi, Houska, Dillender, Danzer, Perryman, Tiner, Kingsley, DeGan, Soriano.

Physics Ferreters



SECOND ROW: da Silva, Mallon, Porter, McGinnis, Luetjen, Johnston, Kline, Arenberg.
FIRST ROW: Nickens, Prof. Elmore, Gohen, Reed, Agnew, Rous, Perry.

The Ferreters first appeared as a campus club in November, 1948, conceived and organized by several interested students. As is implied by their name, the Ferreters are primarily interested in enhancing their knowledge of physics and related sciences.

A program of investigation and research is undertaken as a group project each semester, and members are encouraged to develop individual projects.

OFFICERS

Chairman.....L. Agnew
Vice Chairman.....C. Elmore
Secretary.....C. Reed
HistorianB. Cohen

The Inter-Fraternity Council is the governing body of the social fraternities on the campus. The council interprets the inter-fraternity rules and regulations, and strives to maintain harmony and cooperation among the fraternities.

Besides planning Rush Week, the council sponsors competitive programs among the fraternities such as the Inter-Fraternity Sing, Bridge and Chess Tournaments, and awards a Scholarship Cup to the fraternity having the highest over-all grade-point average.

OFFICERS

Fall	Spring
W. Magruder..President..	W. Gammon
C. Ross....Vice President....	J. Strubert
W. Gammon Secy.-Treas.	W. Coolidge



SECOND ROW: Ross, Kyburz, Straughan, Prof. Moulder, Gammon, Hudson, Coolidge, Magruder. FIRST ROW: Romo, Spanier, Stinson, Jare, Fitzpatrick, Banfield, Strubert.

Interfraternity Council



Twelfth and Pine.



OFFICERS

Master.....	L. Marcus
Lt.-Master.....	S. Megeff
Scribe	L. Spanier
Exchequer.....	H. Stein
House Manager.....	P. Reisner
Steward.....	E. Skalka
Sergeant-at-Arms.....	D. Levy
Member at Large.....	K. Kaplan
Recorder.....	S. Rosenbaum, L. Herskowitz
Faculty Advisors.....	M. Fine, C. Eshbaugh



Homecoming party.



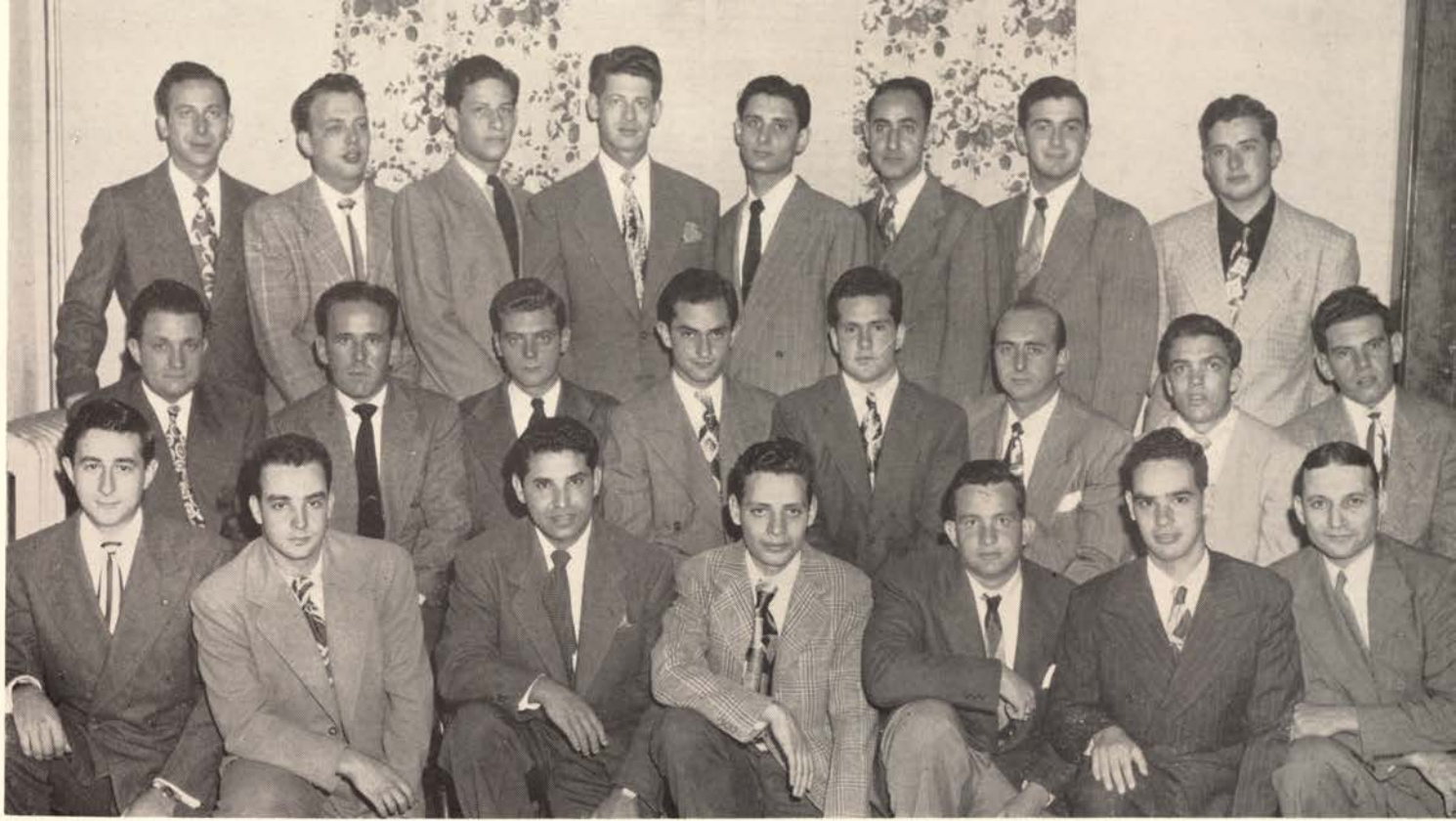
After-dinner music.



Closer, Stan.



Frustrated.



THIRD ROW: Marcus, Agron, Reisner, Stein, Greenblatt, Morris Fine, Skalka, Hutkin. SECOND ROW: Senturia, Dulberg, Bookey, Martin Fine, Elbaum, Rosenbaum, Fox, Megeff. FIRST ROW: Altman, Kaplan, Lus, Weiss, Spanier, Hausner, Hershkowitz. Missing from Picture: Levy, Tabachnick.

Alpha Epsilon Pi was founded at New York University on November 7, 1913. The fraternity has as its goal the development of a high standard of social and intellectual fellowship among its members so that they may be better fitted to take proper seats in the universities and communities of America. From the beginning the fraternity was planned by the founders as a national college fraternity.

The Nu Deuteran Chapter was founded in May, 1947, and has since then progressed by leaps and bounds. As with every new-born

thing, they have had their growing pains, but these have disappeared and are now concentrating on becoming the best fraternity on the campus. February 1 saw the opening of their kitchen, and other additions and improvements are planned for the future. The main goal to the school and members is to take first place among the fraternities in scholarship, as they have been pretty close these past semesters.

The Chapter House is temporarily located at the corner of 12th and Pine Streets.



Contemplation.



The unvanquished quintet.



Larry in action.



Chug-a-luggin' at interfrat beerbust..

Chi Sigma



Just relaxin'.

OFFICERS

Fall		Spring
L. Kane	President.....	T. Banfield
T. Banfield.....	Vice-President.....	F. Wees
R. Brooks.....	Secretary.....	R. Brooks
T. Boyd	Treasurer.....	T. Boyd
J. Shute	Historian	J. Shute



THIRD ROW: Gillen, Ferguson, Tone, Crawford, Koetting, Ogg, Gruendler, Tate, Toomey, Brunner, Wilhelm, Brody, Simpkin. SECOND ROW: Banfield, Turman, Gregory, Coolbaugh, Friedmann, Prof. Carlton, Shute, Blancke, Kane, Monroe, Guzzly, Verive, Saviola. FIRST ROW: Fosh, Wees, Brooks, Moscardi, Bounds, Bullock, Church, McEvilly, Ransom, Plunkett, Kruse, Fritzen.

Fraternity

The Chi Sigma Fraternity was established on November 6, 1946, as a local organization. Under the guidance of Professor E. Carlton the goal of active participation in all campus social and athletic functions was achieved by the Fall of 1947, when it was recognized by both Student Council and the local Interfraternity Conference.

The school year of 1948-49 was heavily weighted on the social side of the balance with two affairs standing out as extra special. The Christmas Formal filled that lull between Thanksgiving and Christmas, and the Spring Fete made the time between St. Patrick's Day and vacation time fly. These two social events were so popular with the men of Chi Sigma, it is planned to make them annual occurrences. Both affairs were held at the College Inn of the Edwin Long Hotel. With the mention of parties it is impossible to omit the Toomeys, for in Chi Sigma the name Toomey seems to be synonymous with "Let's have a party".

The Fraternity bids a fond farewell to its first graduates, Windsor Warren and Bill Simpkins, who left last June, Leonard Kane in January, and finally Rupe Bullock and John "Lollipop" Shute, who will leave this June.



Chi Sigma's officers.

*Sitting this one out.
Show him how, Leonard.
Christmas dance at the Long.
What, no bull session?*



Set 'em up again.



Electrician deluxe.



Holding his own.



"... and I'll raise you two."



The Kastle.

Kappa Alpha Fraternity

OFFICERS

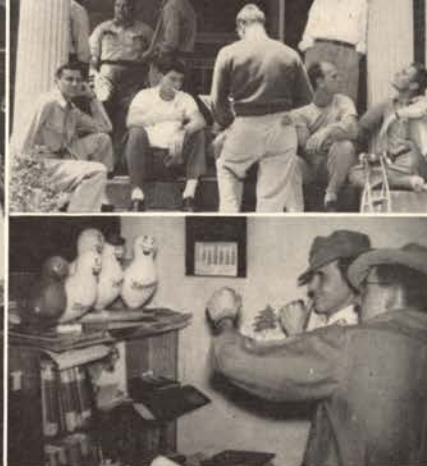
President.....	J. Ehrler
Vice-President.....	R. Ballmann
Secretary.....	D. Castleberry
Corresponding Secretary.....	R. Johnston
Historian.....	R. Rieder
Treasurer	R. Driscoll
Steward	E. Bishop
Faculty Advisor.....	K. M. Moulder
Alumni Advisor.....	W. Taggart, St. Louis, Mo.



Jitterbugs.



That's for me.



*Waiting for lunch.
Who's afraid of a shmoo?*



K. A.'s big wheels.

Kappa Alpha was founded at Washington College (now Washington and Lee) in 1865, Beta Alpha Chapter being established at Missouri School of Mines on April 27, 1903. Since that time, Kappa Alpha has been very active on the campus of M.S.M. and is quite proud of its growth in the past forty-six years.

The chapter house is located at 1311 State Street and has just been remodeled, the newest addition being the glass brick card room on the south end. Besides the great material strides made in the remodeling work, the KA's have had many successful social events.

Striving to meet the standards for such occasions as set down by the Southern Gentlemen, after which the fraternity was founded, Kappa Alpha presented a "Country Style" dance in the fall and the Christmas Formal in early December. In the new year, the boys from the Kastle celebrated the birthday of Robert E. Lee, the spiritual founder of the fraternity, on January 19, and held their annual formal in the spring.

Kappa Alpha has also been very active in intramural sports and other campus activities.



FOURTH ROW: Regan, Sheehan, Browngard, Anderson, Driscoll, Magruder, Sears, Dill, Fish, Hart, Weber. THIRD ROW: Ballmann, Moser, Shelton, Moore, Barnard, Smart, Peterson, Ehrler, Miazga, Castleberry, Bishop, Marquis, Stock. SECOND ROW: Brown, Schweder, Blankenmeister, Carlson, Knappert, Subitzky, Schmidt, Erb, Hogan. FIRST ROW: Hall, Hockenbury, Farrar, Rieder, Hissom, Wilson, Prof. Moulder, Caselton, Johnston, Siegel, Springer. Missing from Picture: Dallam, Fuqua, Sessen, Aston.



Southern mansion.

Kappa Sigma Fraternity



OFFICERS

Fall		Spring
R. Yochum.....	President.....	E. Telthorst
W. Schirmer.....	Vice-President.....	K. Lee
R. Knauer.....	Secretary.....	T. Smith
L. Frank.....	Grand Master of Ceremonies.....	W. Knecht

The school year of '48-'49 was another outstanding one for the Kappa Sigs. The Ka Sigs manor put on a new front early last fall in the form of a huge colonial porch. This, together with numerous interior improvements, put the house in tip-top shape.



Five diamonds.



Kappa Sig officers.



"Hey, Telthorst!"



Could this be love?



FIFTH ROW: Jones, Bolanovich, Ashley, Hirsch, J. Evans, Miller, Vogler, Olfe, Hobleman, Snyder, Lloyd, Hackel, J. Smith, Horton, Frank, Helm, Glenn, Lee, Heilich, H. Telthorst. FOURTH ROW: Sullivan, Baker, Torres-Calderon, White, Bay, Van Nort, Savens, Merritt, Moyle, Koch, Shourd, Marting, DeVaney, T. Smith, McGillan, Juenger, E. Telthorst. THIRD ROW: Cartier, Menacho, Firman, McGowan, Futo, Padfield, Knecht, Mabie, Raymer, Knauer, Thaller, Shirmer, Bissell. SECOND ROW: Rupert, Gears, Romine, J. Rafferty, T. Evans, Yochum, Frank, Clooney, Morse, Vigne. FIRST ROW: Laubauch, Hoehn, Scuito, R. Rafferty, Spiniello, Duke, Burford, Anderson, Thompson, Bachman.

Included in the social events of the year was the annual Pledge Dance. A new twist for the event was the pledge promenade and it turned out to be quite an attraction. This promenade will probably mark the Kappa Sig Pledge Dance in future years. The old Kostume Carnival was replaced this year by a hilarious affair under the name "Feiertag". Fifteen minutes after the guests had arrived they were ready for anything—and rightly so—because there were few tricks overlooked by the social committee.

As has been the case for quite a few years, the Kappa Sigs were again one of the leaders in intramural sports. After a weak start in football, they reorganized their strong team and pulled up into second place. Swimming saw the Kappa Sig lose the crown by only a few points, and their table tennis team proved to be champs for the second consecutive year.

The Kappa Sigs are optimistic about the future of the fraternity, and its fifty-four members and twenty pledges are looking forward to next year's events.



The gang's all here.



Careful Roy.



Sunday show call.



Lambda Chi's bigwigs.

Lambda Chi Alpha



OFFICERS

President.....	C. T. Mahoney
Vice-President.....	R. J. Morris
Secretary.....	R. C. Graffagna
Treasurer.....	W. B. Plummer



FIFTH ROW: Sindler, Gray, Dintleman, Turner, Schuster Neidel, Langston, Neustaedter, Miller, Knopp, Morris, Webster, Craig, Gokenbach. FOURTH ROW: Graffagna Ferber, Poppitz, Heineck, Stein, Plummer, Schuster, Johnson, Younghaus, Klaber, Holmes, Moeller, Dieringer, Remington. THIRD ROW: Reilly, Culmo, Allbaugh, Jamieson, Hrach, Griesedieck, Tyrer, Stadelhofer, Mahoney. SECOND ROW: Teel, Gerecke, French, Steiglitz, Frase, Zupan, Schermeyer. FIRST ROW: Isbell, Sherburne, Ramirez, H. Chapman, R. Chapman.

Fraternity

Whether you call it Alpha Delta Zeta or the "Little Red Playhouse," these boys from across the tracks are still the friendliest group on the campus. This tradition is older than the chapter itself, dating 'way back to the Mucker's Club from which it grew in the year 1917.

Always fostering leadership and scholarship among its members, the chapter is prominent among the fraternities on the campus. Current accomplishments include the intramural softball championship and the prize St. Pat's float, thus illustrating to some extent the diversity of its activities.

The annual Harvest Dance has become a campus favorite and a social must. It continues to grow each year, and though the 85-year-old landmark which is the house groans a little now and then, it's still good for many more years of fun and frolic. The Valentine Dance in February and St. Pat's rounded out the social season at the little red schoolhouse. The appearance of this three stories of red brick and the frequency of the festivities within have contributed to the eventful history of Lambda Chi Alpha on the campus.

As familiar on the campus as any student or prof. is their tiger-striped Great Dane, Olaf. His attendance at class is not too regular, but like his masters, he never misses a social function.



"Little Red Playhouse."



*Fall pledge class, 1948
Popular fellows.
"I'll say . . ."
Pledge duty.
Where did he come from?*

*May I have this dance?
Two-point Jamieson.
A popular chair.
See, Lambda Chi Alpha.*



Party time.



"Fill 'er up, Ron."



Another song, Willie.



The house by the highway.

Pi Kappa Alpha Fraternity



OFFICERS

Fall		Spring
D. C. Grimm.....	President.....	D. C. Grimm
J. R. Hunt.....	Vice-President.....	R. V. Wolf
W. E. Horst.....	Treasurer.....	A. V. Castelli
R. V. Wolf.....	Secretary.....	R. P. Schmitz
J. J. Ratcliff.....	Pledgemaster.....	I. L. Propst



Hail, hail, the gang's all here.



Nine-thirty break.



Nice block, Stan.



On behalf of the '48 pledge class.

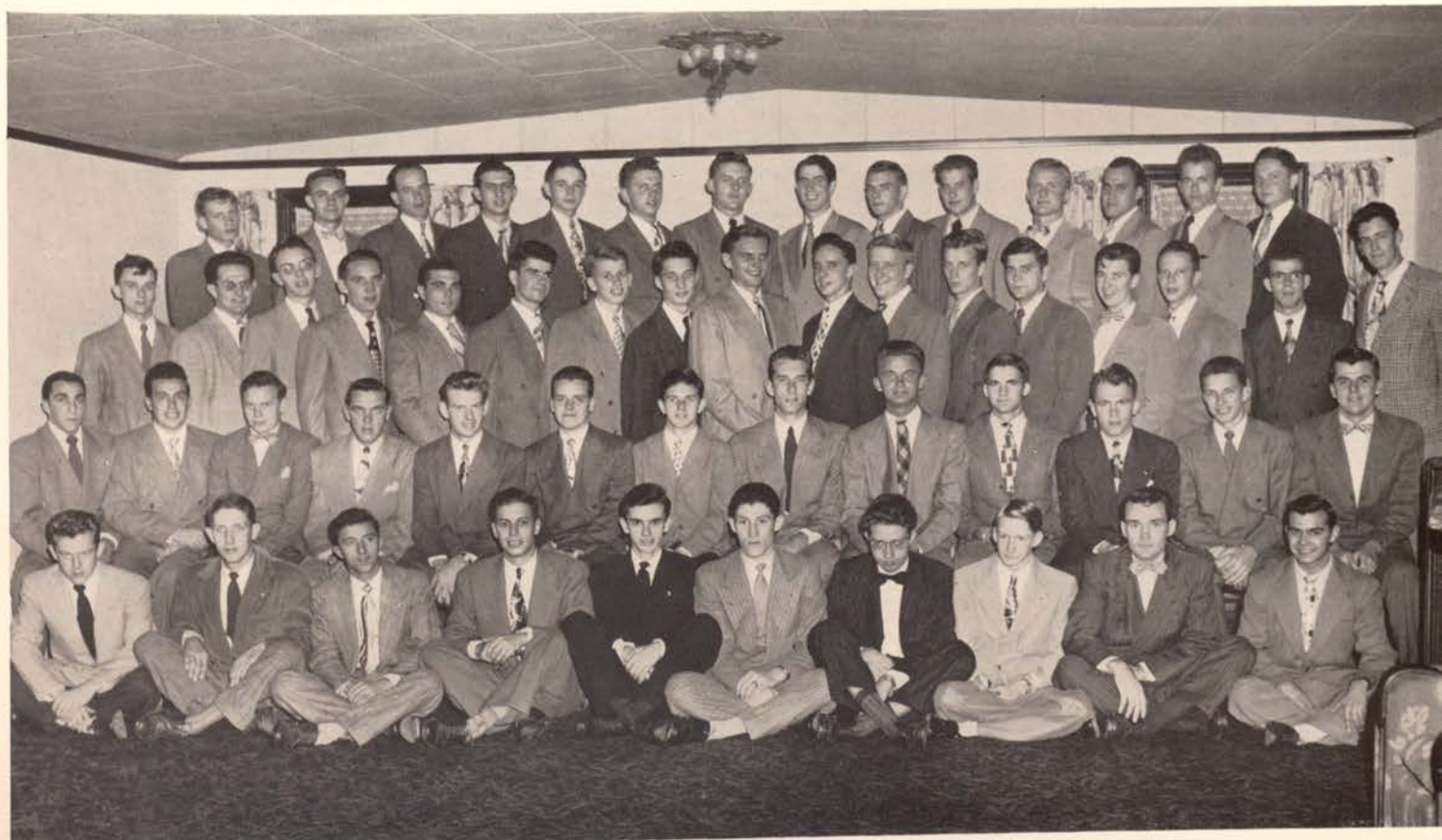
Pi Kappa Alpha Fraternity was founded on March 1, 1868 at the University of Virginia. Alpha Kappa Chapter, since its installation on December 2, 1905, has taken a leading role in intramural sports, social functions, and scholastic activities on the M.S.M. campus.

The past year has shown the "Pikes" outstanding in all phases of campus activities. An outstanding basketball team highlighted the year's sports calendar, which saw the Garnet and Gold take first place and team honors in the

annual cross-country race and make a good showing in all other intramural sports.

Pi Kappa Alpha entered the social spotlight with three dances: the Fall Pledge Dance, the Spring Dance, and the Winter Formal, the only true formal of the year on the campus. Founders' Day, Homecoming, and Parents' Day celebrations rounded out the year's social program.

Although enjoying a very successful year, next year should be bigger and better, for graduation did not claim any of the "Pikes" crew.



FOURTH ROW: Timbrook, Montgomery, Dare, Wilson, Schmitz, Eidson, Bruce, Timlin, Castelli, L. Smith, Herder, Dressler, Klein, Drake. THIRD ROW: Huffer, Tillewein, Hoertel, K. Buttrey, Keil, Kyburz, Green, Cady, Sinz, Ruenheck, Peterson, Schlingman, Wagner, Branson, Menzemer, Wood, Collins. SECOND ROW: Ehrich, Bach, Anderson, C. Buttrey, Propst, Wolf, Horst, Grimm, Hunt, D. Smith, Powell, Schuchardt, Gould. FIRST ROW: McNichols, Adams, Giacom, Krainess, Bauer, Dolecki, Hoffman, T. Davis, Ratcliff, Billard.



Snake House.



OFFICERS

Eminent Commander.....	A. F. Uriwal
Lieutenant Commander.....	J. S. Quinn
Treasurer.....	E. E. Thielker
Recorder.....	E. W. Thrall



Interfraternity sing winners.



... and they call this dancing.



Just partying.



They call this studying.



FIFTH ROW: Oberschelp, Grimms, Determan, Chappell, Houk, DeBolt, Means, Moeller, Cole, Johnson, Kuse, Sanders. FOURTH ROW: Hallet, Brillos, Webster, W. Theerman, Pounds, Jenkins, Uriwal, Thrall, Doelling, Painter, Dean, Reeves, Wienel, Dempsey. THIRD ROW: Griffith, Reese, Hollman, Whitman, Riley, Zerwick, Gorman, Holtgrieve, Danson. SECOND ROW: Spackler, Thurston, Guth, McCormack, Quinn, Cook, Thielker, H. Theerman. FIRST ROW: Gray, Vark, Lennox, Jenkins, Barnes, Bullock, Bottemueller. Missing from Picture: Bennett, Ross, Kennedy, Kemper.

The Gamma Xi chapter of Sigma Nu was the first social fraternity on the M.S.M. campus, being chartered in 1903. Since that time it has grown into one of the largest and most financially settled organizations on the campus.

In the past year the men of Sigma Nu had very capable representation in the intramural sports and in the inter-fraternity contests. First place was taken in intramural football and swimming, and in the inter-fraternity chess tournament and the inter-fraternity sing. This is the second consecutive year that Sigma Nu has

captured both the football and swimming trophies. Much was also contributed to the keenness of the competition in the intramural basketball program.

The social committee of Sigma Nu did an excellent job in 1948 and 1949, for many successful parties were given at the "Snake House". The Fall Pledge Dance, the Homecoming Party, the Christmas Formal, and the annual Yukon Party in 1948, and the St. Pat's parties and the Spring Formal in 1949 all attracted many Miners and their dates.



Looking for meld.



Dreaming Dick.



Sig Nu's officers.



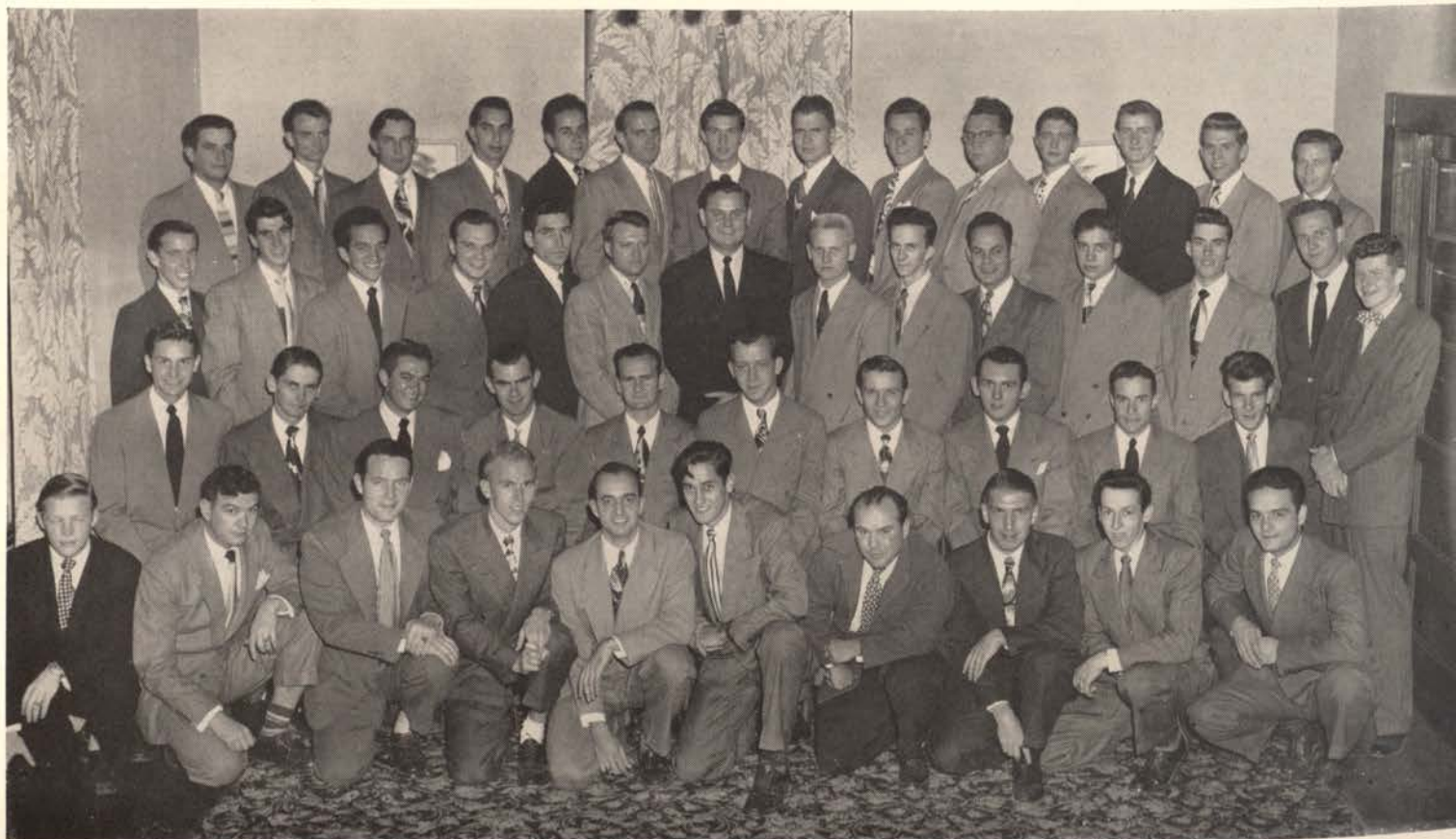
Sig Ep's officers.

Sigma Phi Epsilon



OFFICERS

Fall	Spring
R. Schowalter.....	President.....R. Roerman
T. Wirfs.....	Vice-President.....P. Manocchio
J. Stephens.....	Comptroller.....J. Stephens
W. Shepard.....	Historian.....R. Flore
R. Cronk.....	Secretary.....C. East
A. Shaver.....	Guard.....J. McClinton
D. Witherspoon.....	Senior Marshal.....A. Danz
E. Warren.....	Junior Marshal.....J. Ficken
W. Henrici.....	Faculty Advisor.....W. Henrici



FOURTH ROW: McClinton, Kibler, Weiss, Voiles, Flore, Roerman, Lohrman, O'Brien, Lynch, Fitzpatrick, McLeane, Taylor, Heeger, Howe. THIRD ROW: Marlow, J. Faulkner, Rodalakis, Krautschneider, Manocchio, Witherspoon, Danz, Matson, Fannin, Schuenemeyer, Ficken, W. Faulkner, MacDonald, Irwin. SECOND ROW: East, Taylor, Davidson, Lester, Wirfs, Schowalter, Ketz, Will, Kraus, Eldridge. FIRST ROW: Sanders, Warren, Hudson, Koppel, Cronk, Stephens, Shaver, Shepard, Amend, Telthorst. Missing from Picture: W. C. Faulkner.

Fraternity

The Missouri Gamma Chapter of Sigma Phi Epsilon came through its "sophomore" year with many achievements, most important of which was retaining the scholarship cup for the third straight semester. The chapter house, located at 401 East 7th Street, was first occupied by the chapter in September, 1947. During the last two years much has been done to put the house in the good condition it is at present.

In September, twenty-one pledges were welcomed by the thirty-two men at the house with the red door. Three members of the M.S.M. faculty, J. F. Rushing, E. A. Goodhue, and R. E. Basile; in addition to John Ketz, a transfer from West Virginia, were welcomed into the chapter.

The "Sig Eps" continued their success with many social events during the year. Most outstanding events included a "Sweater Dance" on November 6, the traditional "Sig Ep Sweetheart" formal on February 12, and the annual tri-Sigma Christmas party, held in conjunction with Sigma Pi and Sigma Nu, for seventy children from Rolla.

Sigma Phi Epsilon members and pledges have been very active in all of the campus organizations and the intramural sports program during recent years.



401 East 7th St.



The morning after. Smile for the birdie. Pretty pose.
 A heavy head. Present, arms!
 Room for one. Tired feet. Bull head.
 Mighty close. Waiting for Santa.
 Tri-Sig Christmas party. Let's go to college.
 College life.



Your bid.



Sigma Pi's B. W.s



The good old days.



The Block House.

Sigma Pi Fraternity



OFFICERS

Fall		Spring
K. Skedzeleski	Sage.....	K. Skedzeleski
L. Robison.....	Second Counselor.....	W. Mabrey
F. Koenig.....	Third Counselor.....	F. Koenig
R. Ferry.....	Fourth Counselor.....	V. Chapman
B. Eck.....	Herald.....	J. Burgess
W. Mabrey.....	First Counselor.....	R. Franklin
J. Brown	Steward.....	F. Eckert



Party time.



Chug-a-Lug.



Men of distinction.



"Need a refill"



Watch your finger, Ed.

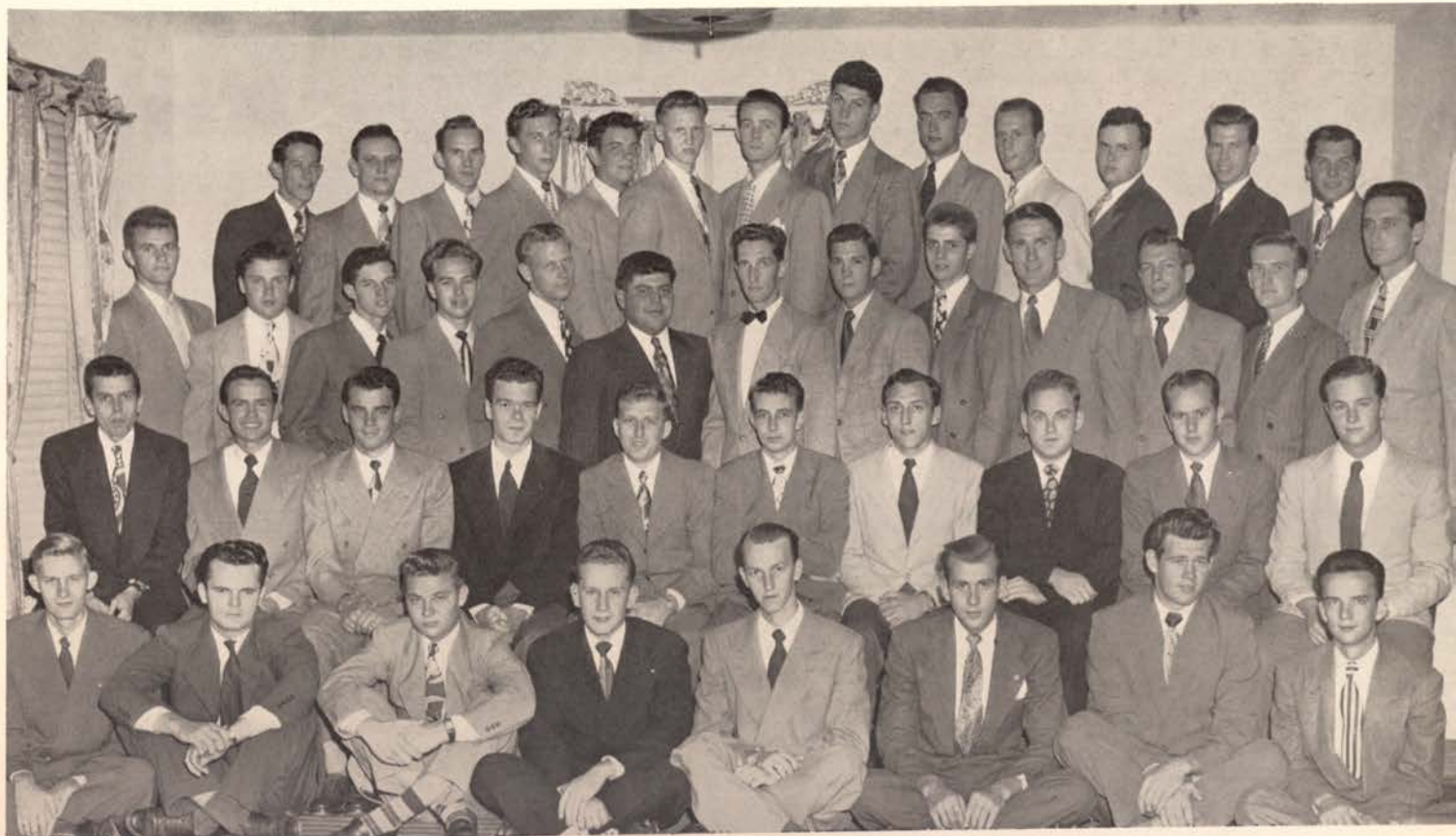
Alpha Iota Chapter of the Sigma Pi Fraternity, formerly the Prospector's Club, was established on this campus in May, 1933. Since then, the Fraternity has been one of the outstanding leaders in all the extra-curricular activities on the campus.

On the social calendar are such never forgotten dates as our "Drop in Dance" at Homecoming, the traditional Sigma Pi "Gay Nineties" Dance, the Tri-Sigma Children's Christmas Party, the annual chapter Christmas Party with St. Nick's usual expensive gifts playing second fiddle to his latest poetic accomplishments, the

fabulous St. Pat's celebration, and our annual Spring Outing and Dance.

Alpha Iota has done well during the past few years in maintaining its traditional activities and obligations on the campus. Many of its men have brought honor to our house by holding offices in various organizations of the college.

Improvements during the past year have consisted of purchasing a new rug for the living room, repairing kitchen facilities, a new cook, and interior redecoration of the dining room.



FOURTH ROW: Mabrey, Diefenbach, Peppers, Harper, Franklin, Burgess, Winn, Beverage, McCombs, Losco, Davis, Greer, Fleshman. THIRD ROW: Hietman, Gallagher, Pearson, Shopper, Kwadas, Eftimoff, Kelahan, Bushko, Eck, Sheeley, Ferry, Chapman, Sexton. SECOND ROW: Funk, McDaniel, Coffman, Hay, Skedzeleski, Straughan, Koenig, Dziemianowicz, Tittman, Eckert. FIRST ROW: Robison, Gooding, Choate, Brown, Isringhaus, Kimball, Cox, Wright.



Teke House.



OFFICERS

Fall		Spring
N. Niederstadt.....	President.....	R. Frazier
J. Schaffrodt.....	Vice-President.....	J. Jare
R. Frazier.....	Secretary.....	A. Krause
S. Scales.....	Treasurer.....	W. Weinstein
J. Babbitt.....	Historian.....	J. Langenbach
W. Weinstein.....	Sergeant-at-Arms.....	R. Romo
R. Niederstadt.....	Scholastic Officer.....	R. Niederstadt
C. Palubiak.....	Pledgemaster.....	J. Hetherington
H. Crosby.....	Faculty Advisor	



Take it easy.



*Pass it around.
So sweet.*

*Out in front.
"Up yonder."*

*Bull session.
"Lift 'em high."*

*Weinstein in action.
Jare!*

*Bridge lesson.
Day off.*



FOURTH ROW: Scales, Koederitz, Romo, Babbitt, Jare, Whitmer, Holme, Youngs, Harman, Heacock, Pinegar, Ehms, Frazier. THIRD ROW: Sieckman, Hawes, Weingaertner, Langenbach, McLuckie, Palubiak, N. Niederstadt, Jones, Gelfand, L. West, Winters, Lowe, Schafrodt. SECOND ROW: Vickers, Hetherington, Simpson, Vose, Berenato, Kuhlman, Eggeman, Lehr, R. Niederstadt, Krause, Burke. FIRST ROW: Bollwerk, B. West, Crosby, Pohlman, Schmitt, Garrison, Mueller, Casper, O'Dell, Weinstein.

The founding of Tau Kappa Epsilon on the campus of Illinois Wesleyan University on January 10, 1899, marked the beginning of Teke-dom in the fraternity world. The M.S.M. chapter, Beta Eta, was founded on March 9, 1947. Although a new chapter on this campus, Teke is rapidly attaining a place of high respect.

Tekes are represented on several varsity teams, and their intramural prowess is such as to be reckoned with in every sport. Already they have gained honors in many of the events. These events play an important part in the program to foster clean living through clean sports.

Last but not least in Tekedom is their social

life. Their outstanding dances of the year start with the annual Red Carnation Formal. This is followed in the Spring semester by a French Underground Party and an outing. They have a well-round social program which is long to be remembered by all who take part.

Another year has passed and some members will be leaving, but one thing to be sure of is that they will leave with memories of college life that could not be more complete. Teke hopes to maintain its good reputation and improve greatly in the year to come guided by the same ideals that put them where they are today.



*Still in action.
Dance time.*

*Barbershop experts.
Chow hounds.*

*Old timers.
Gift for gab.*

*"Shall we dance?"
Bench warmers.*



Sweet music.

Theta Kappa Phi



OFFICERS

Fall		Spring
W. Weismantel.....	President.....	J. Feltmann
W. Janczewski.....	Vice-President.....	G. Bentrup
D. Stegemeier.....	Treasurer.....	D. Stegemeier
J. Feltmann.....	Secretary.....	R. Becker
Al Higgins	Steward.....	Al Higgins
G. Bentrup.....	Pledge Manager.....	J. Sontag
T. Herrmann.....	Historian.....	T. Herrmann
	Assistant Steward.....	C. Mace
	Alumni Secretary.....	G. Warner



FIFTH ROW: Cardetti, Foster, Mace, Bentrup, Bosse, Calcaterra, Sontag, Wisch, Barron, Macke, Varga, Duffner, Strubert. FOURTH ROW: Oldenberg, Buersmeier, Deghuee, Cowan, Maurer, Theiss, Suren, Fitzgibbon, McGrath, Mottin, Van Buskirk, Warner. THIRD ROW: Schmidt, Greco, Higgins, Morlock, Feltmann, Weismantel, Janczewski, Stegemeier, Ferreira, Becker. SECOND ROW: Allen, Mooney, T. Murphy, Meiners, Dampf, Menke, Stegemeier, Buel, J. Murphy. FIRST ROW: Bruskotter, Mertens, Hooker, Gereau, Quinlan, Herrmann, Nutter.

Fraternity

At Eighth and State, southwest, is located a massive brick residence, whose sleepy appearance is contrasted sharply to the vitality of its present owners. These men, about fifty in number, who step in and out of the red house comprise the membership of Mu Chapter of Theta Kappa Phi, a national fraternity for Catholic men, founded at Lehigh University in 1922. The organization has been on the campus since 1936, when the last of the old locals, the Mercier Fraternity, went national.

In 1948-49 the Theta Kaps threw their energies in many directions, following a diversified program ranging from the fall religious retreat to their spirited spring struggle for victory on the wrestling mats. Dinner table conversation touched on such subjects as Bullman's T-formation theories, the latest letter to the MISSOURI MINER editor, ROLLAMO yearbook problems, how to maneuver more gradepoints, and whose pin was next to fall.

At the fall initiation three honorary members were brought into the fold, Rev. Michael Gibson, Mr. Harry Allen, and Mr. Caesar Berutt. Latest attractions included the huge silver trophy for winning the second National Efficiency Award in the fraternity during 1948, and BOLGER, the affectionate boxer mascot who was singled out by the Rolla Herald as "Rolla's ugliest dog".

"Never a dull moment," might describe 707 State Street during the year.



The Cow House.



"Later, Joe."

Fall Formal

"Jo-Jo" the lover.

Tough boy.



"Who's next?"



Beethoven or Brahms?



Don't believe it.



The Rock House.

Triangle Fraternity



OFFICERS

President.....	M. Ditore
Vice-President.....	R. Mattlage
Treasurer.....	T. Long
Assistant Treasurer.....	R. Pyle
Recording Secretary.....	R. Stinson
Corresponding Secretary.....	W. Coolidge
Steward.....	H. Brehe
House Manager.....	E. Acheson



Triangle officers.



At the club.



Rebounding.



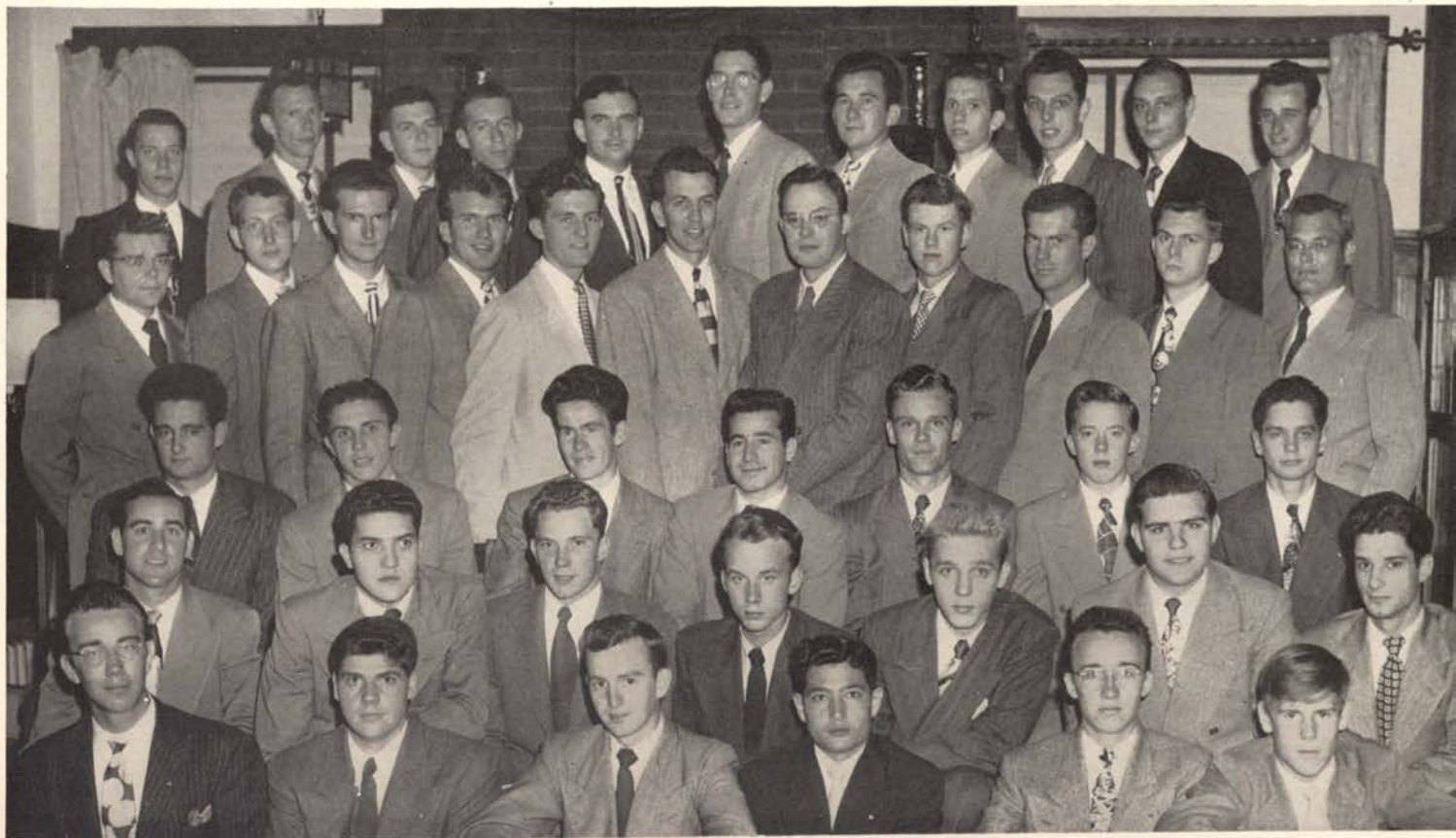
Bob and Dick.

Recent acquisitions of modern equipment and new additions to the "Ol' Rock House's" studying facilities have aided immensely to put the Missouri Mines Chapter of Triangle at its most efficient level since its inception in Rolla on December 10, 1927.

Alumni interest has shown a marked effect on the future outlook of the chapter. The fine contributions made to the fraternity by the very

recently conceived Mothers' Club, membership to which is limited to mothers and wives of Triangle actives and alumni, have greatly aided the chapter's program.

Scholastically, socially, and in college extra-curricular activities, Triangles have made good names for themselves and the chapter in the past. It will be their endeavor to continue to keep this reputation in the future.



FIFTH ROW: McCague, Crossman, Zenik, Deso, Pyle, Dowling, Brehe, Merkle, Reed, Riedinger, Main. FOURTH ROW: Maddox, Weinrich, Schmidt, Kaiser, Schrader, Perry, Eyberg, Wood, Coolidge, Acheson, Evans. THIRD ROW: Crosby, Long, Dowling, Ditore, Mattlage, Stinson, Meskan. SECOND ROW: Pantaleo, Vaccaro, Williams, Huber, Longman, Greaves, Siracusa. FIRST ROW: J. Laytham, Griffith, LaRose, Licata, G. Laytham, Sample.



S T . P A T S A N D F

The social features on our campus develop an atmosphere of warm friendship and intellectual culture which is indispensable to good school spirit. The main social events of the year are Homecoming, St. Pat's and the Military Ball. St. Pat's with its distinctive MINER traditions, is the highlight of the social season.



E A T U R E S

Erin Go Braugh

It's St. Pat's

Surrounded by snow and Miners, St. Pat once again made his illustrious entry into Rolla to reign over the largest and gayest celebration that the Miners have ever seen. After waiting a year for his arrival, the Miners paid him due homage with the traditional customs as he, on his diamond-studded manure spreader, led the parade to Parker Hall. There he held the audience spellbound by the golden oratory of his welcoming address. After knighting the seniors, Don Spackler, St. Pat of 1949, disappeared until the Costume Ball that evening where he took his place on the throne with his newly crowned Queen of Love and Beauty, Miss Paula Fite.

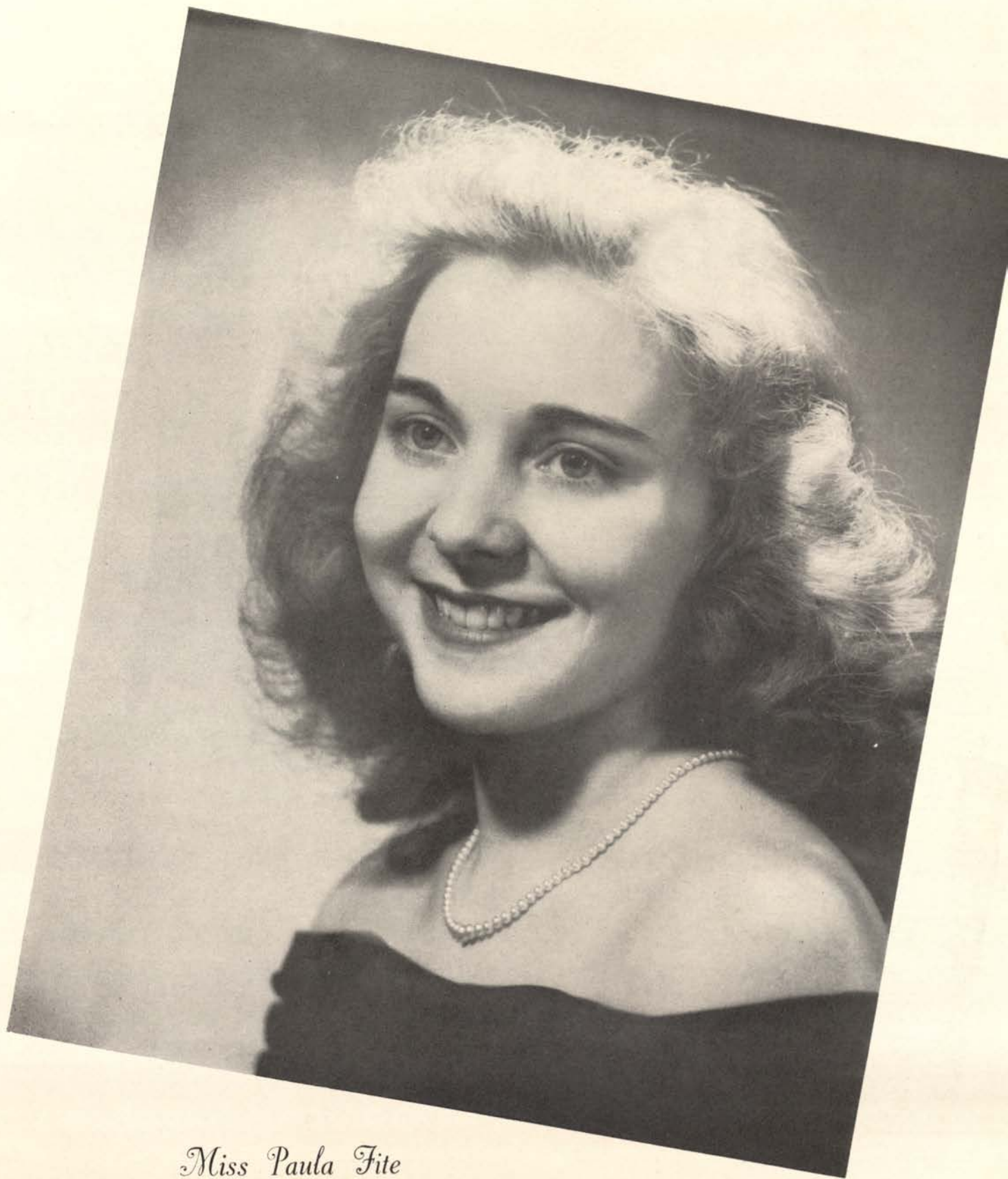
Saturday afternoon was highlighted by the Sigma Nu Tea Dance. That evening the 1949 celebration reached its peak at the Semi-Formal Dance. Music for both evenings was provided by Benny Strong. All too soon St. Pat departed, leaving the Miners with many fond memories.



DON SPACKLER
St. Pat, 1949



The Patron Saint arrives.



Miss Paula Fite
QUEEN OF LOVE AND BEAUTY



Marilyn Meyer
TRIANGLE



Peggy Diefenbach
SIGMA PI



Jean Kimberly
KAPPA SIGMA



Avonell Baker
TAU KAPPA EPSILON



1949 St. Pat's Love and...



Jean Forrester
PI KAPPA ALPHA



Beverly Boorman
SIGMA NU



Dolores Schuenemeyer
SIGMA PHI EPSILON



Mary Toomey
CHI SIGMA



Winnie Cox
INDEPENDENTS



Joan Mahaney
ALPHA EPSILON PI



Court of Beauty



Marion Cichino
LAMBDA CHI



Margery Marcellus
KAPPA ALPHA



Mary Ann Feude
INDEPENDENTS



Isabel Schmidle
THETA KAPPA PHI

*"Big Jim" carries the mail.
Pretty Legs!
Parents' Day.*

SEPTEMBER

:/:\$+ . . . here we go again . . . 2664 entries at the starting gate.
Ye Ole El Ropeos make the rounds . . . some Miners dragged down that aisle.
Deaney . . . left hand behind his back . . . extends the right . . . no takers.
Total enrollment passes 2700 mark.
Blue Key starts it off right . . . get together and free movie . . . free, that is.
Schooler . . . back from the coal mines . . . happy to see the sun again.
Faculty . . . after tough tumbling . . . grants half holiday . . . 'tis a miracle.
Say, I says . . . has anyone seen any free beer? . . . normal times again.

*Mr. Needles in person.
Kwadas is grounded.
Homecoming eve rally march.*

Victorious wives display hubbies . . . shows lack of fight spirit of Miners.
Porch-less K. Sigs . . . vainly searching for a rich pledge.
Junior-Senior athletes are it . . . grabbed intramural honors for summer.
Same old story . . . same old results . . . Curators promise new buildings.
Rough and tumble Miners rough up Memphis to tune of 6-0 . . . good start.
Look out, frosh . . . premature kidnapping and trapping of pledges under way.

OCTOBER

Mass migration to them thar hills . . . flu shots scheduled is reason.

*Pikers' Hayride Dance.
Making ready for another flu shot.*

Footballers lick wounds after clawing from W. U. Bears, 19-7.
Bottled spirit . . . only type exhibited by students at the games . . . stinkers.
Curators break down . . . grant new dorm . . . seeing is believing in this case.
Hammer and Tongs throw wing-dinger . . . beer sales skyrocketed.
Power to burn . . . Miners trample Warrensburg, 18-0.
Snake House gives mit der wiggle . . . girls, girls, and more girls.
Darkest dance of the year . . . Red School House boys use red noses as lights.
Pi K A's make hay on hayride . . . frequent roll calls foil best attempts.

*Rader's band at Homecoming Dance.
Kennedy snags another one.
And the band played on.*

MON

Sigs with passes.

... KA's go down with Thurmond.

Theta Kappa Phi shindig.

Miners staggering . . . mid-term grades published
 . . . so many barefooted E's.

Interfraternity sing night.
Pi K. A. Christmas decorations.

Freshman rules . . . action by faculty . . . taboo!

Three cheers for Hazel.
Dames throw Xmas party for the kiddies.

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DECEMBER 1949

MON

19 20

A black and white photograph of a young woman with dark hair, smiling and looking towards the camera. She is wearing a light-colored, strapless dress with a ruffled bodice. The photograph is circular and set against a dark background. In the bottom left corner of the page, the number "15" is printed in a large, bold font.

10 11



21 27 28



THUR

1949



*Snack Bar opens.
"M" Club initiation.*

DECEMBER

Frosh show life . . . object to hazing being brought back . . . it's tough all over.
Outstanding frosh slapped on back . . . receive Theta Tau awards.
"Players" play at acting . . . not bad at all . . . there actually was an audience.
St. Louis barely gets the nod over Miners, 19-7 . . . score is lying.
Pikes and Snakes set pace in Intramural Basketball.
Independents do exist . . . prove it . . . control class elections.
Statistics state students spend 57% of time griping . . . 99% here.
Good Ole Faculty . . . behind dean . . . kills "Freshman Rules" . . . hazing, that is.
How dead can a campus be . . . take a good look at this excellent example.

*AXE banquet at the Houston House.
Interfrat beer bust at A. E. Pi House.*

Singing heap much plentiful . . . Interfrat sing song gives out . . . some tunes.
Miners turned basketballers . . . yep, drop opener, but they tried . . . new low foreseen.
Pi K.A. leads the social circle with the only "Formal" dance of the year.
K.A.'s put on 'em dance . . . my gawd . . . they really had to dress for the occasion.
"Less than a month old stuff" appears . . . dead Indians all over the place.
Lindenwood . . . M.S.M. Glee Club acts up.
Dandelines to me, boy . . . geological kid Dune . . . one hell'a fellow, him is.
Schaefer pays off bet . . . Hofstaedter barrels down Pine.
Tri-Sigma play Santa . . . host to Rolla youngsters.

*Final week.
Tau Beta Pi pledge quiz.*

Flask in the pocket . . . bottle on the hip . . . Miners head home for furlough.

JANUARY

Would you believe it . . . some Miners came back of their own free will.
Did anybody see the truck that hit me?
New couple on campus . . . Wolf and Boljer . . . Inter-Frat relations bettered.
My gawd how the pins and rings did fall over the holiday . . . stogies in full bloom.
Well, glory be . . . what do you know . . . new suds slinger opening up.
Hafeli's boys still trying . . . maybe the law of averages will step in.
Miracles do happen . . . found one Miner who actually likes Physics.
Big stink at Triangle . . . no hot water . . . bathless boys in their glory.
Basketball in full swing . . . Sigma Nu's and Pi K. A.'s still rollin'.

*Spring Registration.
Posing for Rollamo group pictures.
The Trapp musical family.*

Diary

*St. Pat's Costume Dance.
Miss Paula Fite with her
St. Pat's Queen award.*

What happened! . . . February 21 declared holiday . . . all agreed.
Beards . . . growth begun for St. Pat's.
Finals approach . . . arrive . . . leave Miners gasping for breath and hanging limp.
Tell me . . . where did some of those final problems come from? . . . hell . . . could be.
Principia falls to Miners' Cage Quintet, 60-51.

FEBRUARY

Here we go again . . . 2449 register for Spring. Poney Express Service speeded up . . . new mail schedule.
APO Motor Pool ready to roll again . . . obtain buggies.
Bears sneak by Miners, 49-41 . . . they were lucky.
Ben Strong announced as St. Pat's band . . . party . . . party.

*The one and only Benny Stong.
Fraternity house party over St. Pat's.
Curious Freshman.*

Reviewing Squad . . . candidates for St. Pat's Queen sighted.
Entertainment . . . Trapp Family met by Miners. M.S.M. Tank Team whip S.L.U., 47-28 . . . Still undefeated.
TEKE under-the-ground party . . . atmosphere French.
Sig Ep's crown Sweetheart . . . big party . . . ah!
Pikes import women and invade Teke, Lambda Chi, and Sig Ep dances.
Queen of Love and Beauty chosen . . . Paula Fite.
M.S.M. Natators sink Murray, Ky., 64-11.

MARCH

New dorm gets under way . . . Pi K. A.'s lose their softball field . . . so sad.
Travers makes music . . . Miners swarm.
Freshmen receive word . . . Shillelaghs in season.

*Site of the new dorm.
Crowning of the Queen.*

Pikes capture basketball crown . . . many points.
M.S.M. Natators down Wentworth Military Acad., 57-8.
New Campus Organization . . . Pershing Rifles, hot cinders.
Cage season closed . . . Miners cool.
St. Pat's . . . Miners' Paradise . . . Paula Fite Queen.
Irish Celebrate . . . Don Spackler is St. Pat.
Many dead Indians . . . Big Party.
Sig Nu's and Pi K A's still lead intramural race.

APRIL

M.S.M. tank men still undefeated.
M.I.A.A. track . . . let 'er go.
MISSOURI MINER . . . easing up on jokes.
Here she 'tis again . . . Spring football starts.
Bach assures early ROLLAMOS.
Morlock in unison . . . cigars and beer in store.

*Twilight.
"Look at the rabbits."
Careful, "Mike", there's the Lieutenant.*





Throw him out, throw him out!
Putting out the welcome mat.
K. A.'s prize-winning float.
Sig Ep's "Beer Well."
St. Pat in his "diamond-studded
manure spreader."

Winners of the beard contest.
Kappa Sigma's giant beer mug.
Queen Paula.
Chi Sigma's maid and escorts.
"Lux for undies," "Rinso white."

Pi K. A.'s float with ostrich guides.
Theta Kaps' third place float.
Greetings from St. Pat.
President Walter Bailey escorting the
retiring Queen, Miss Sue Gleason.
Wesley's giant slide rule.





